

FIG. 1

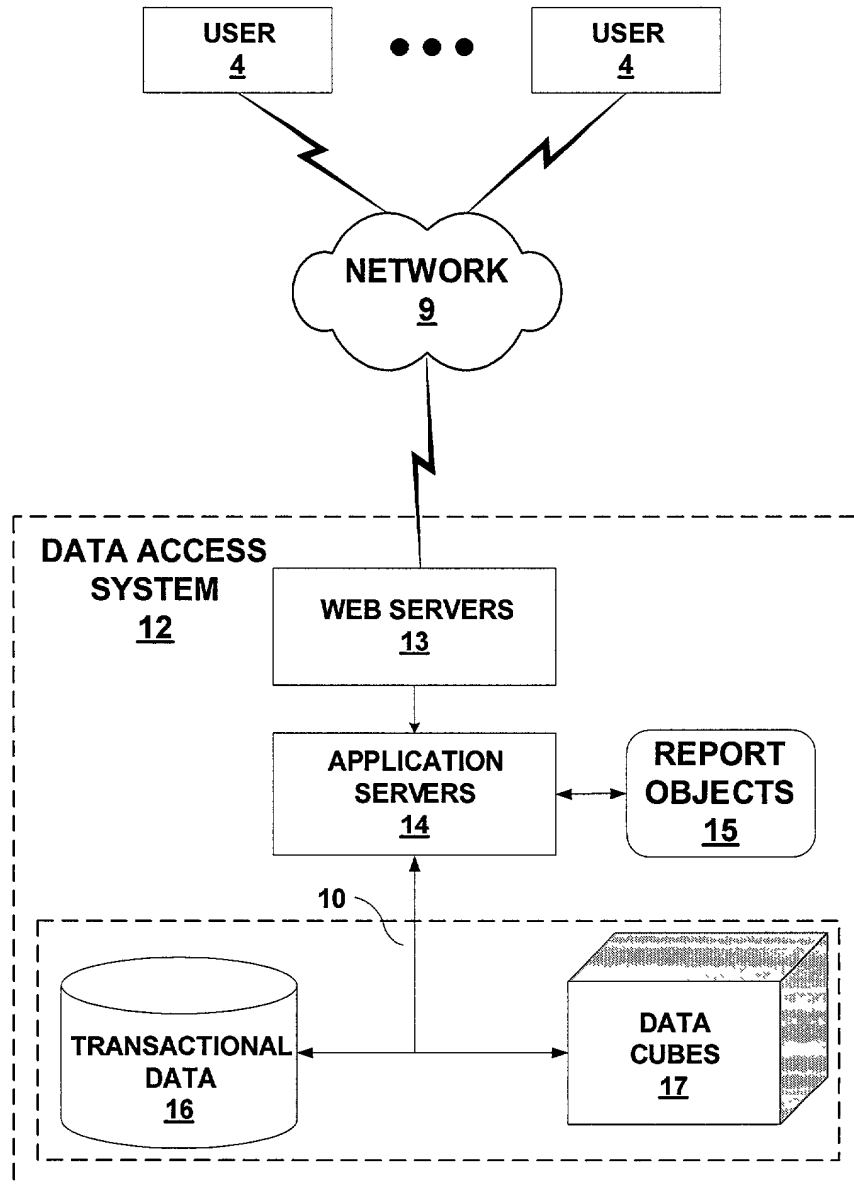


FIG. 2

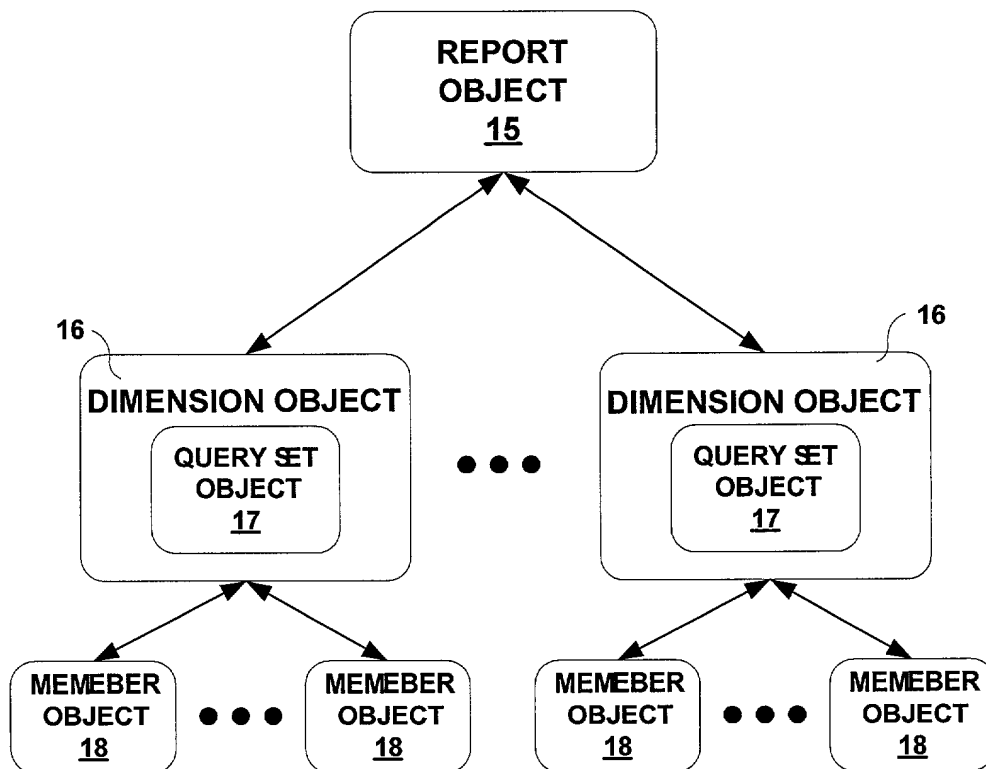


FIG. 3

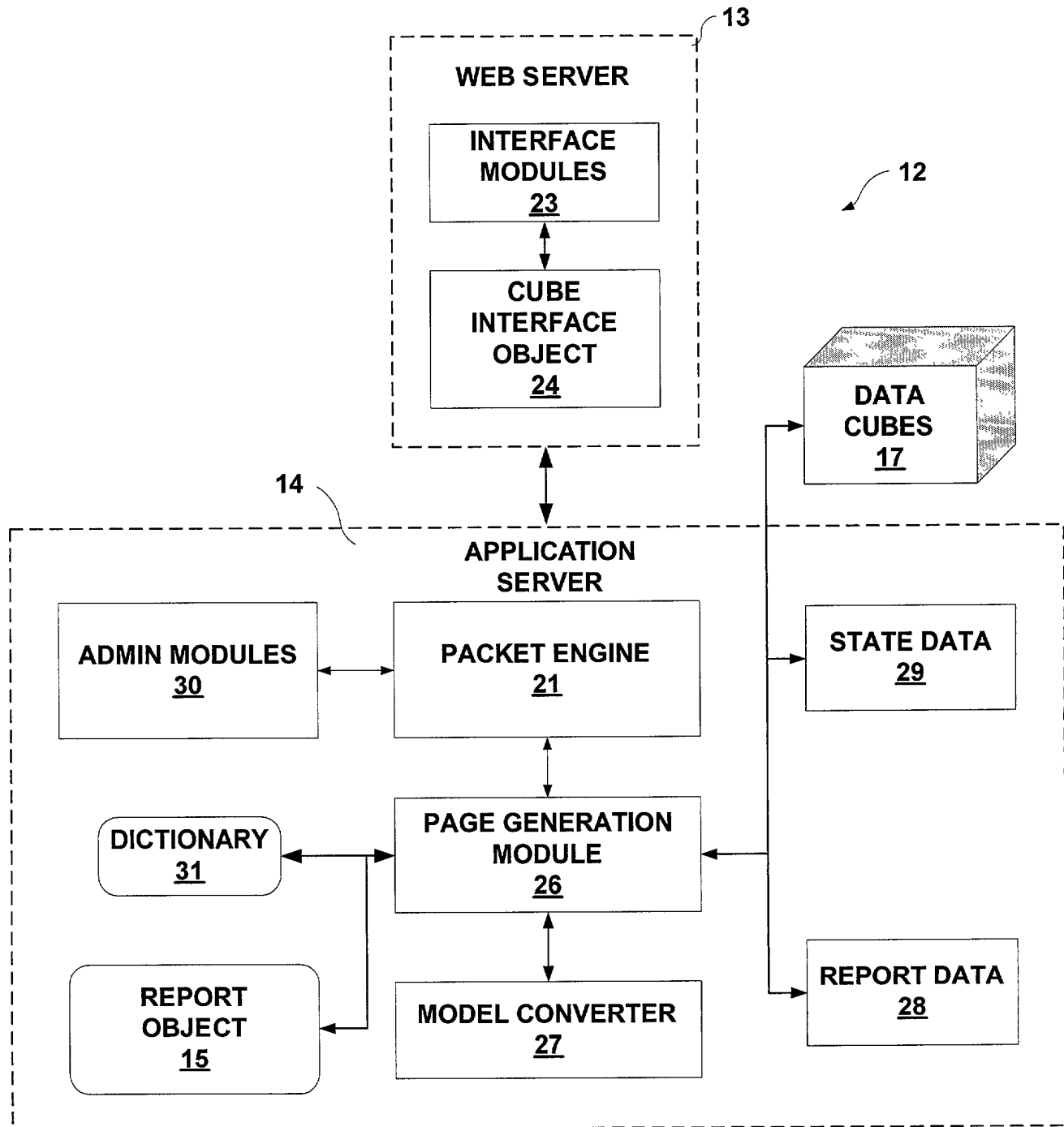


FIG. 4

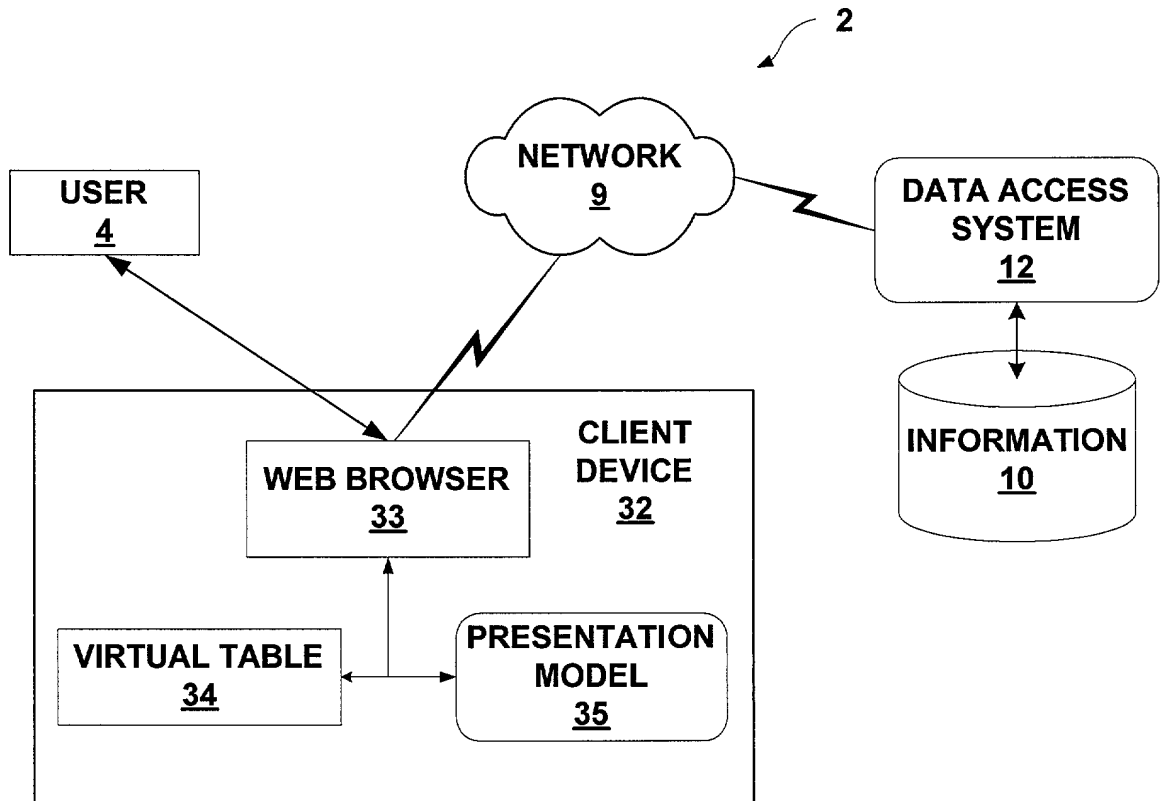


FIG. 5

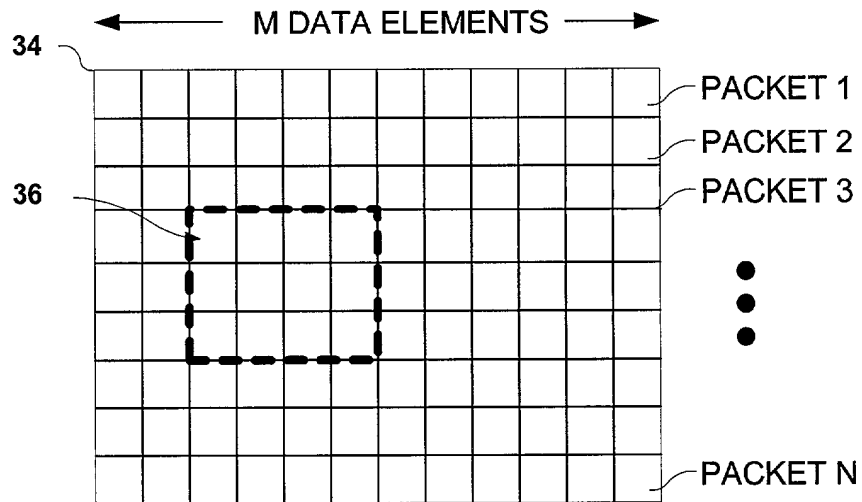


FIG. 6

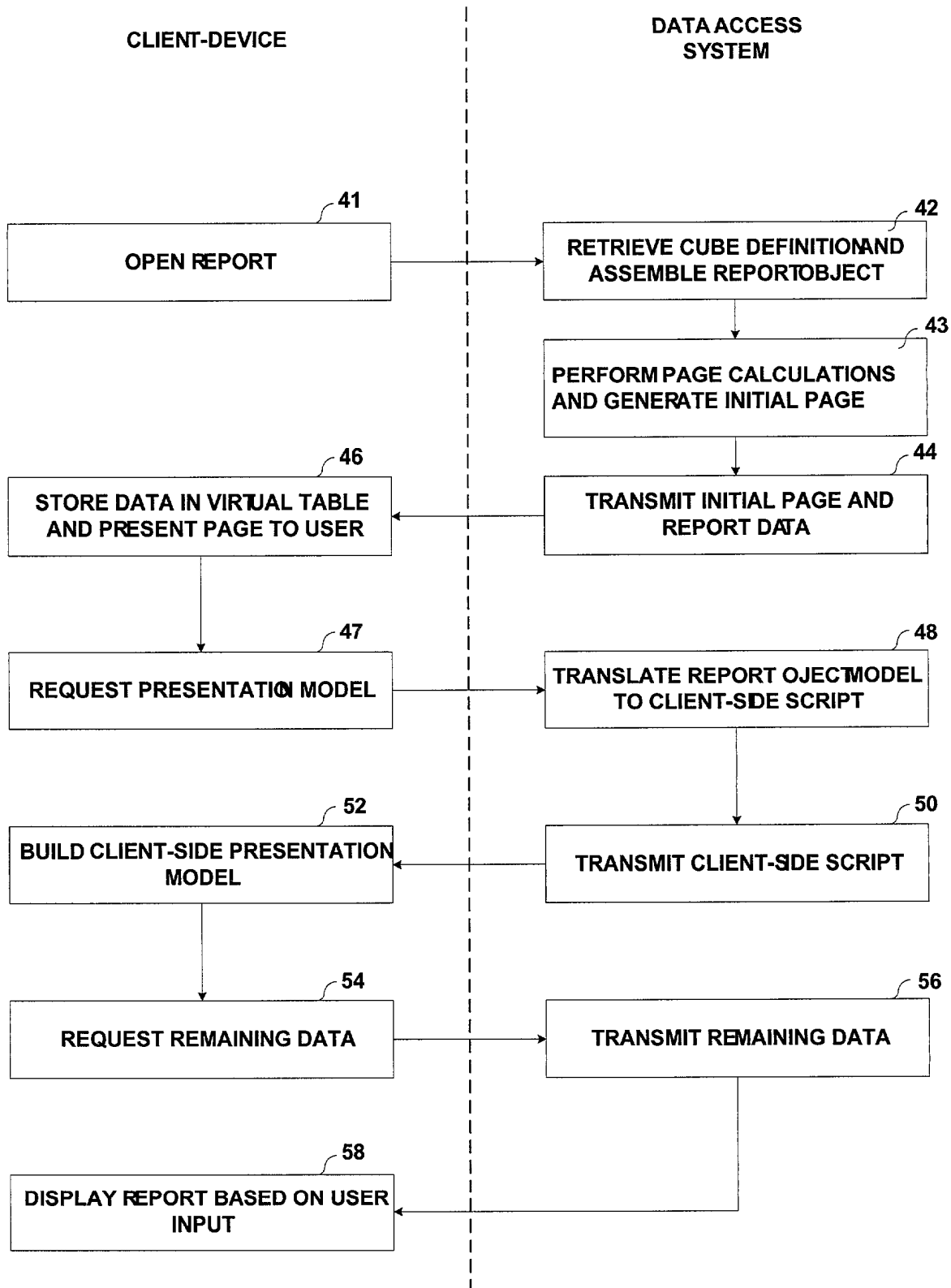


FIG. 7

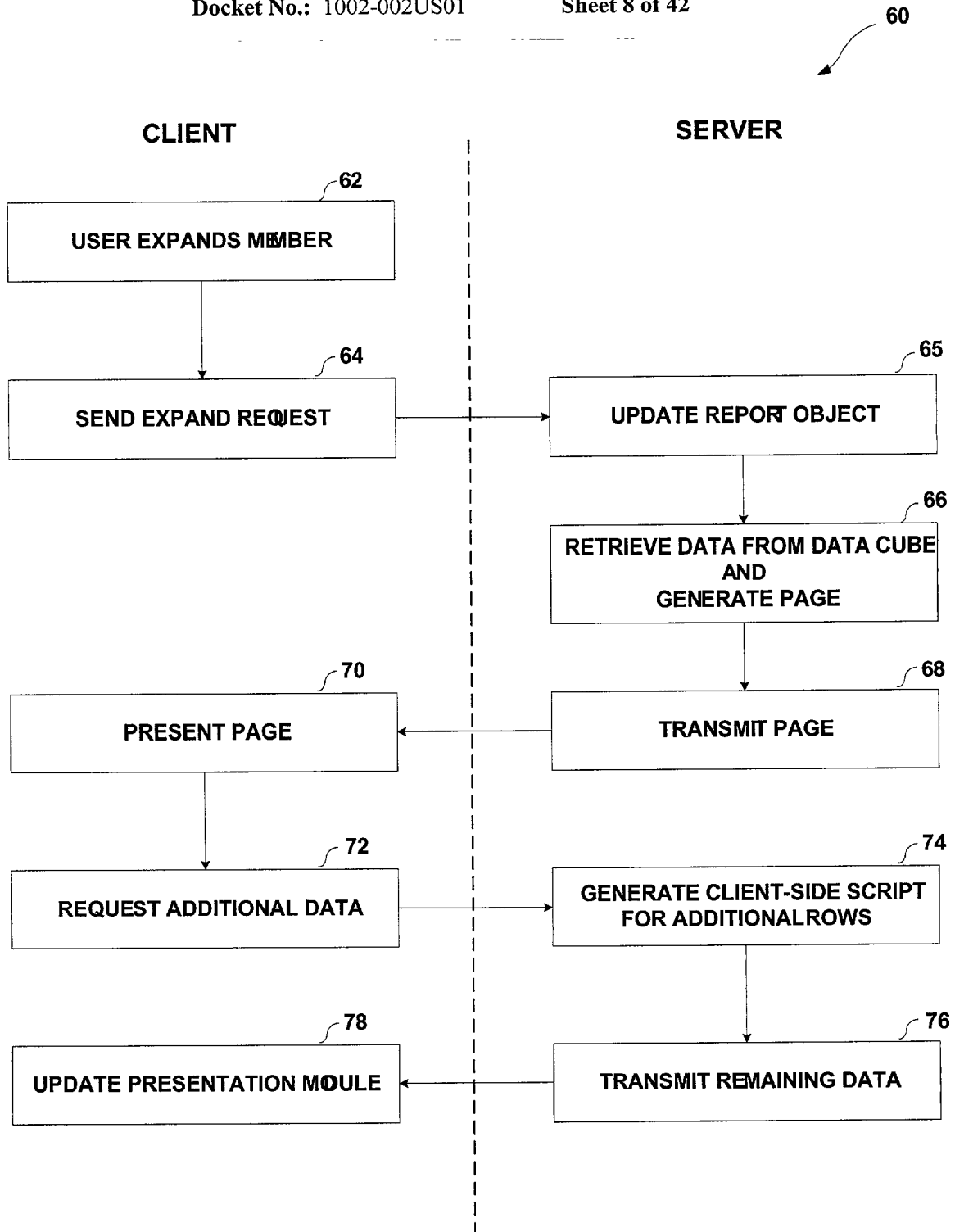


FIG. 8

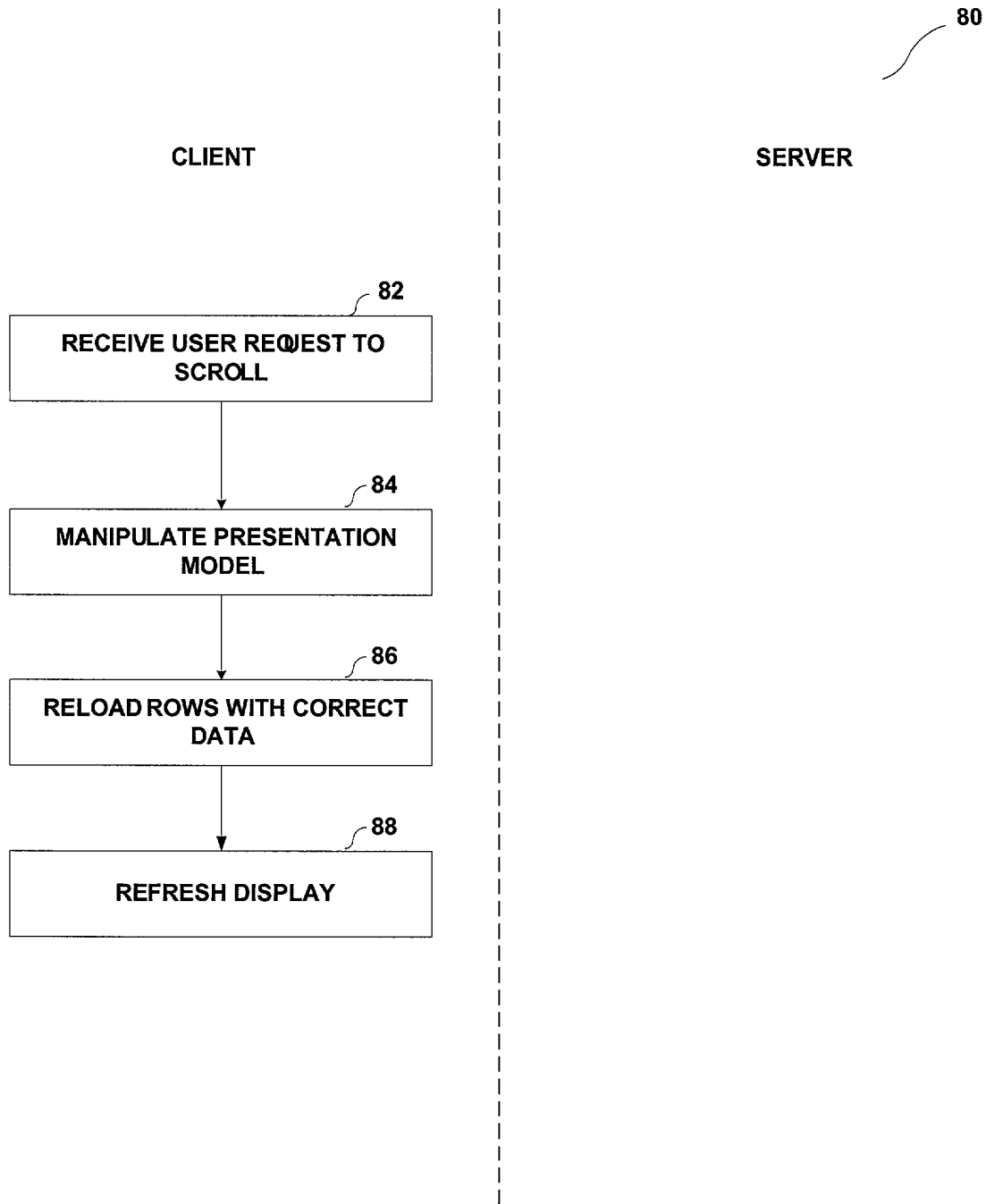


FIG. 9

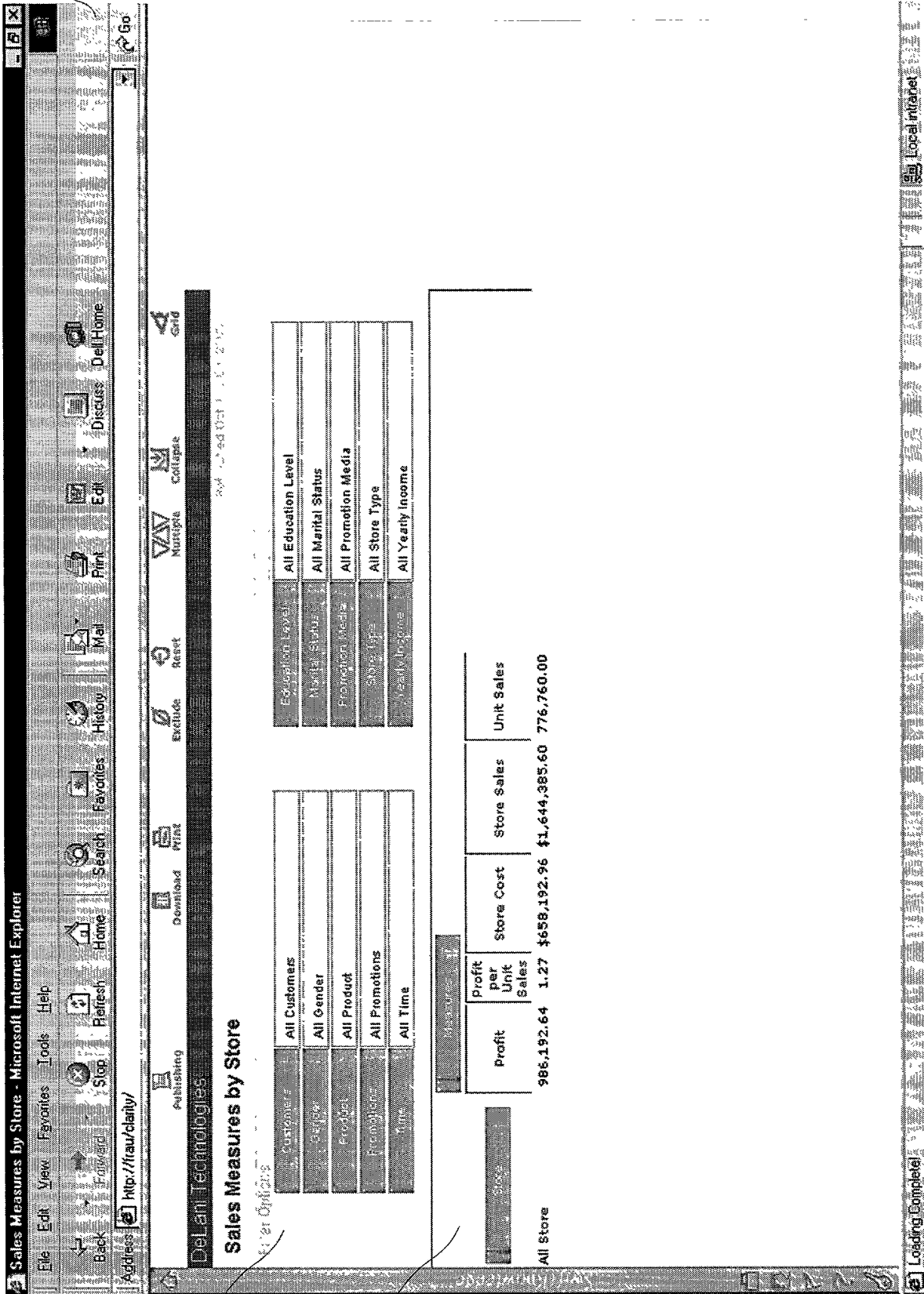


FIG. 10

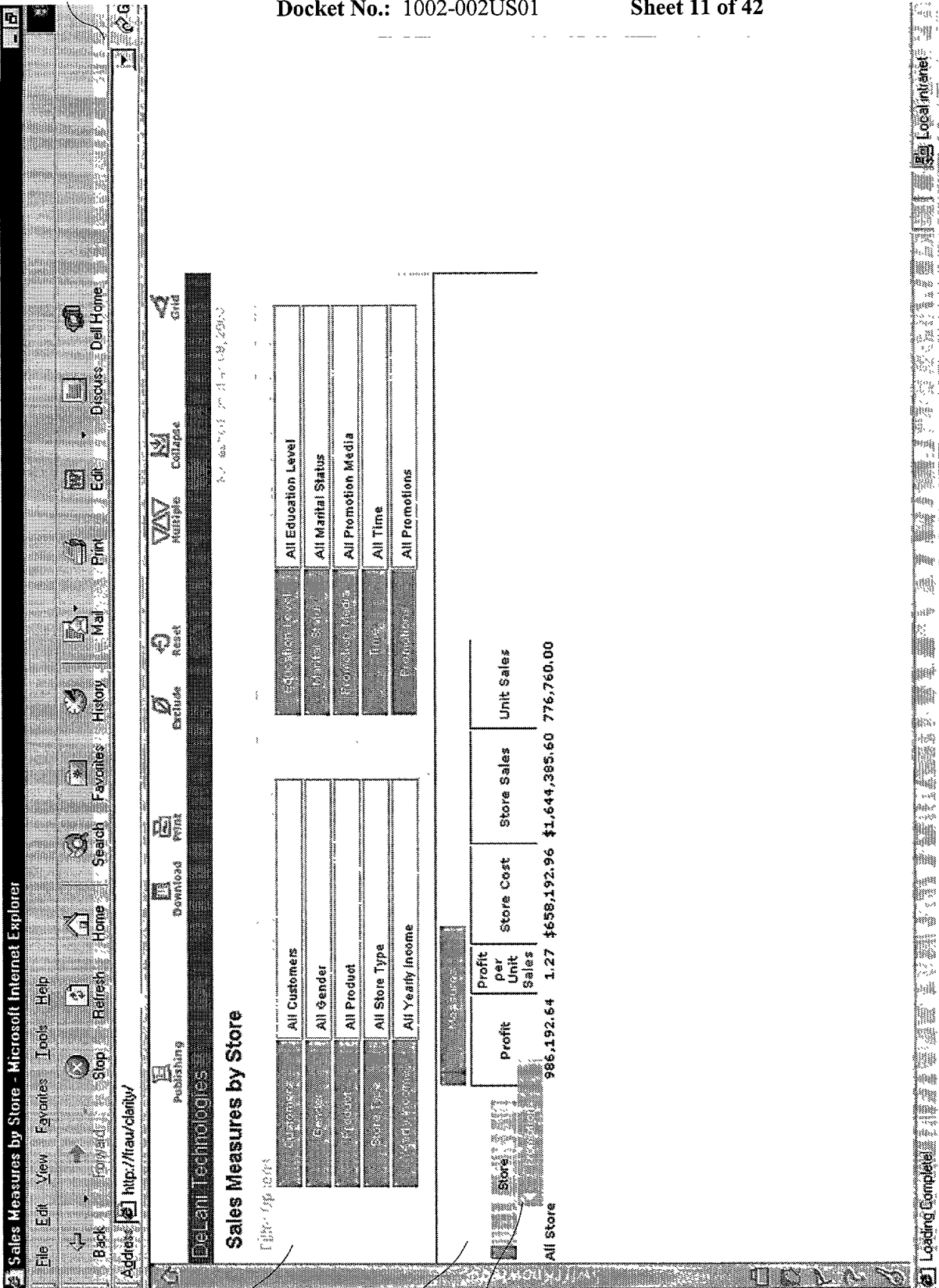
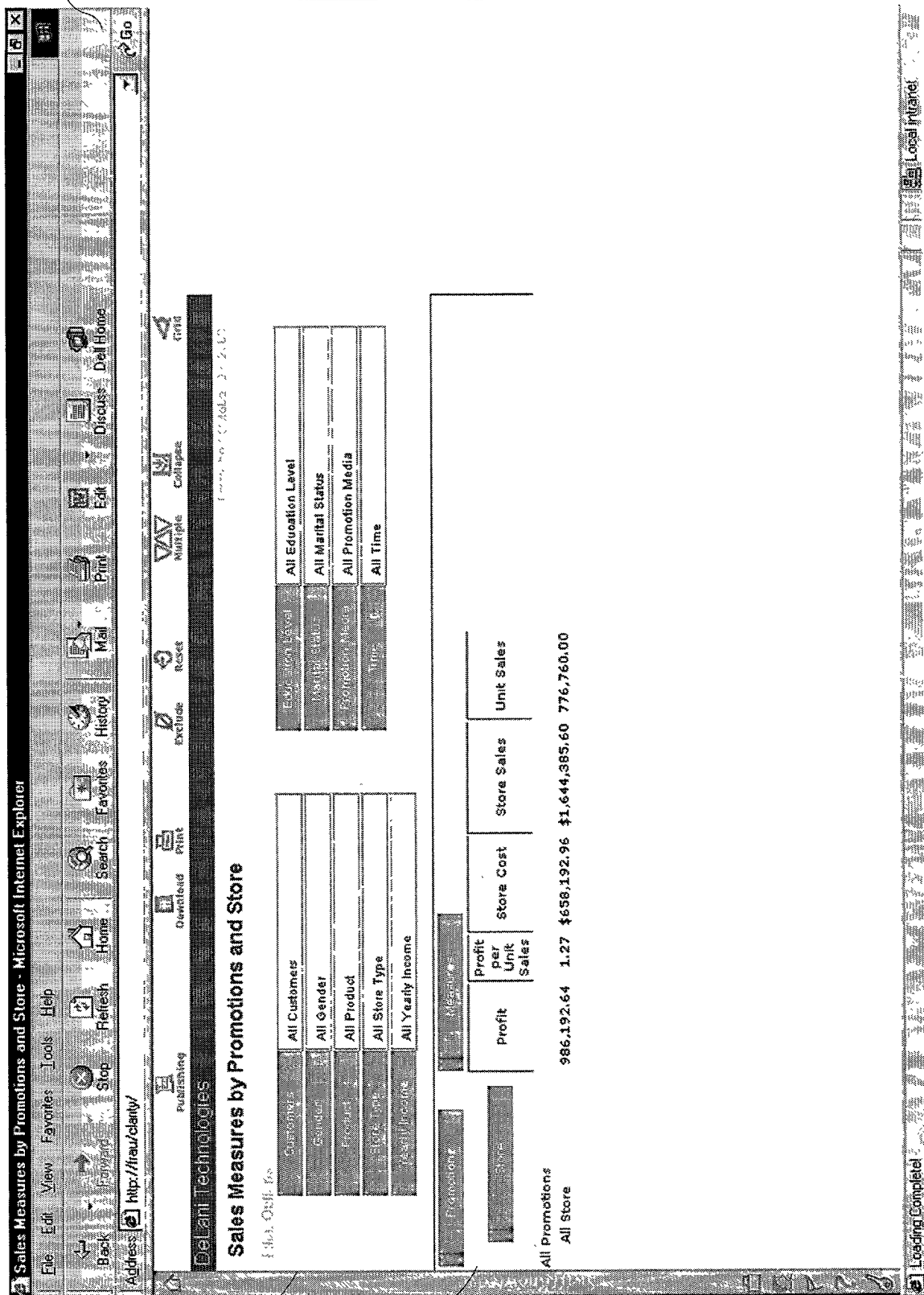
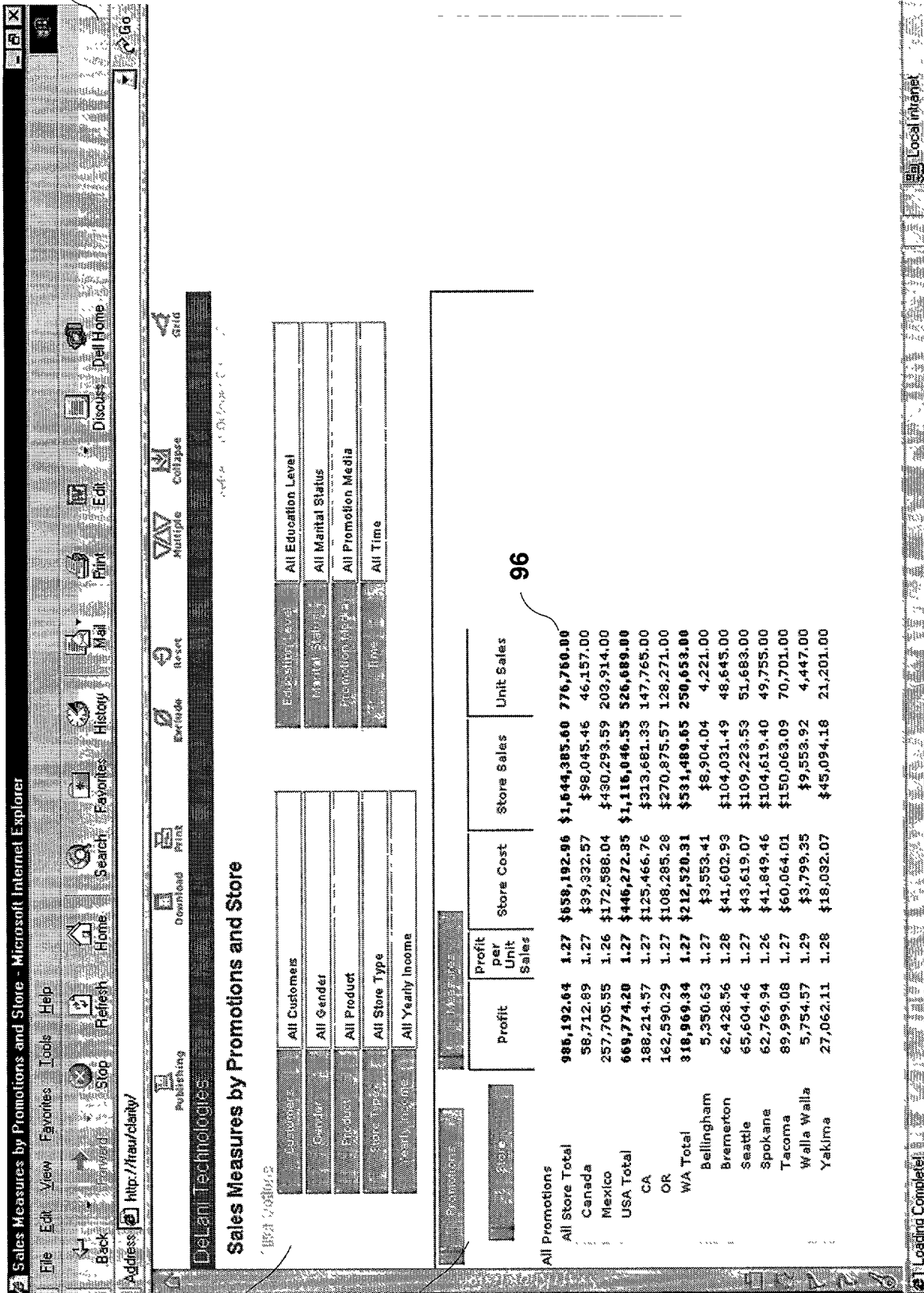
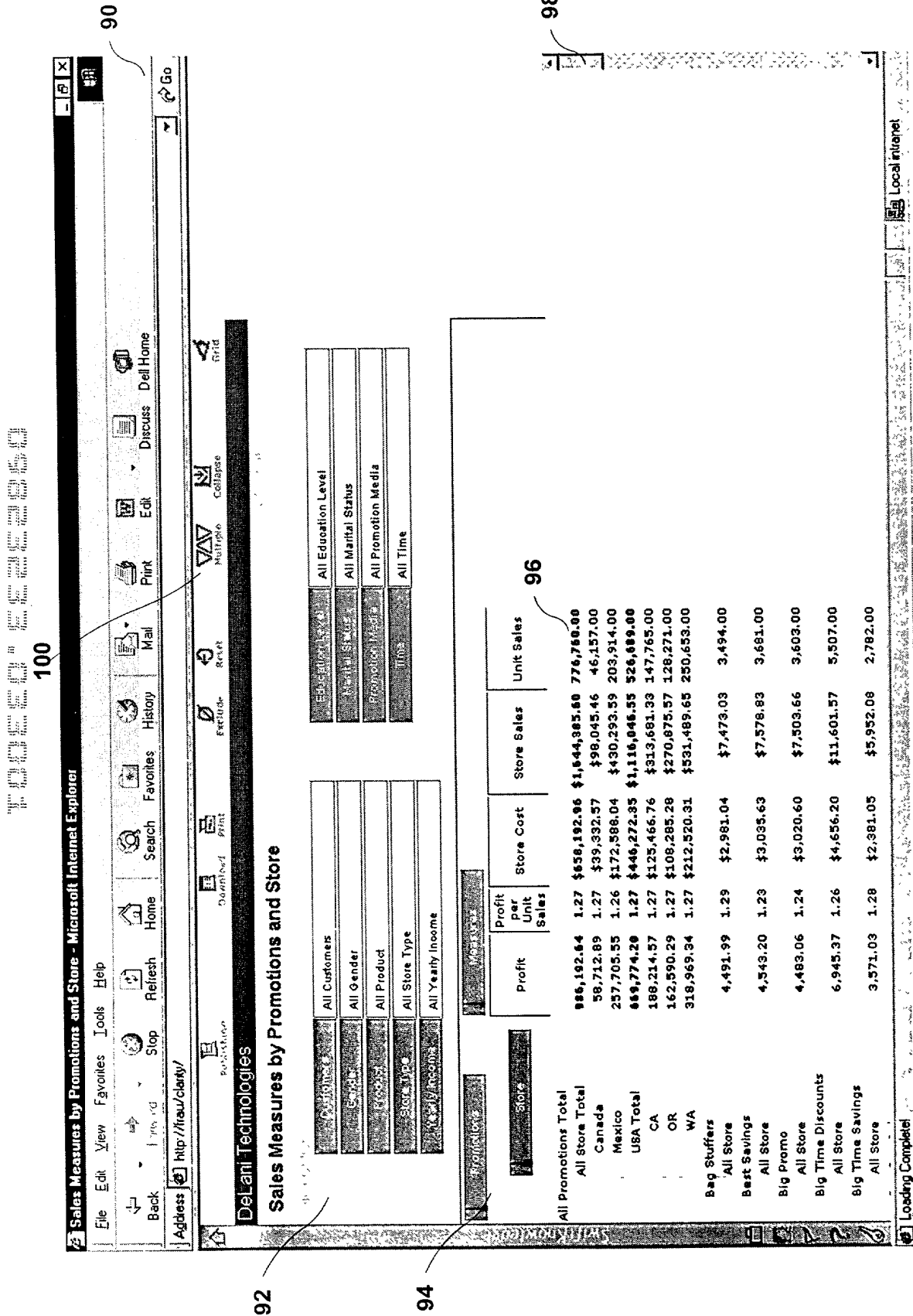


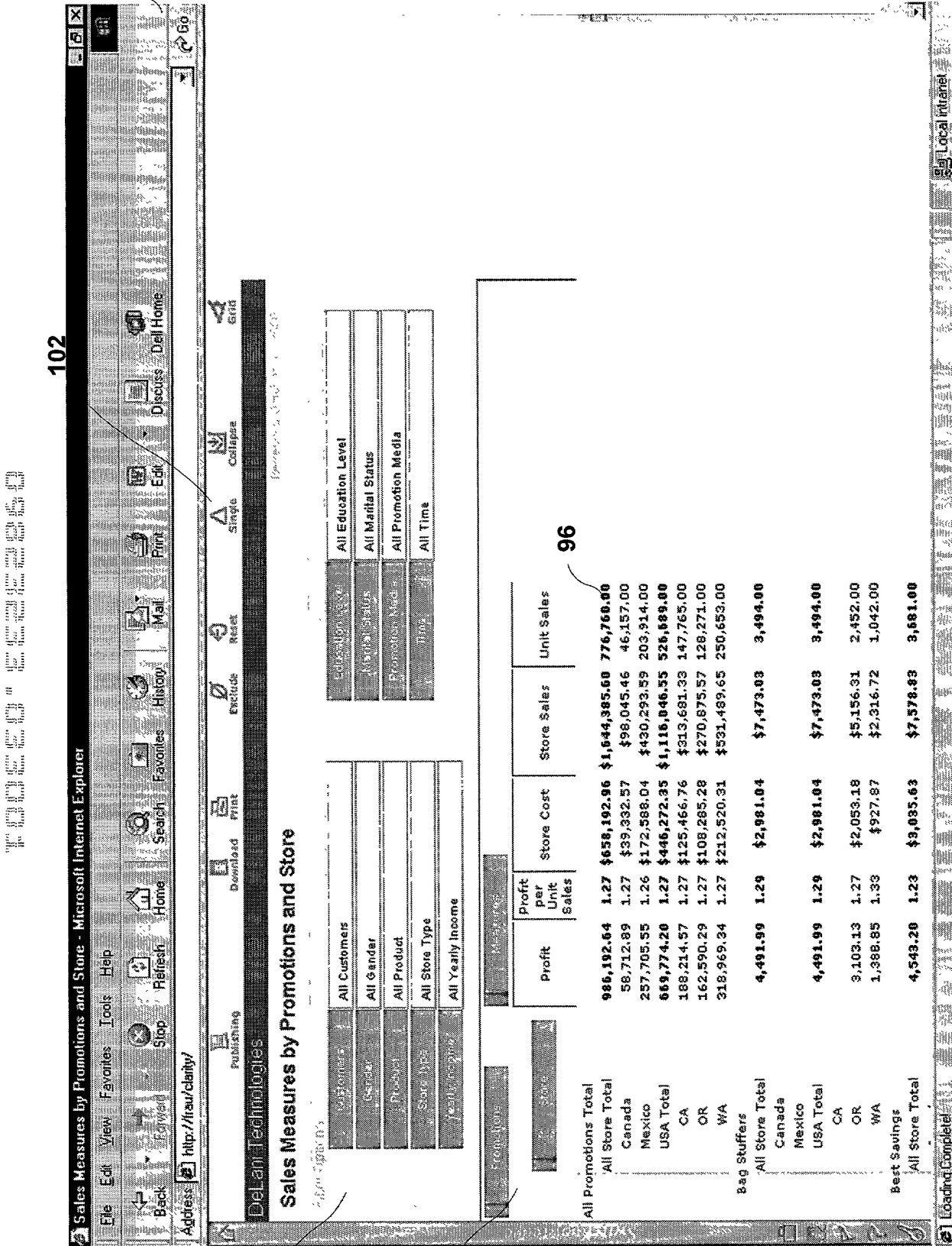
FIG. 11

FIG. 12









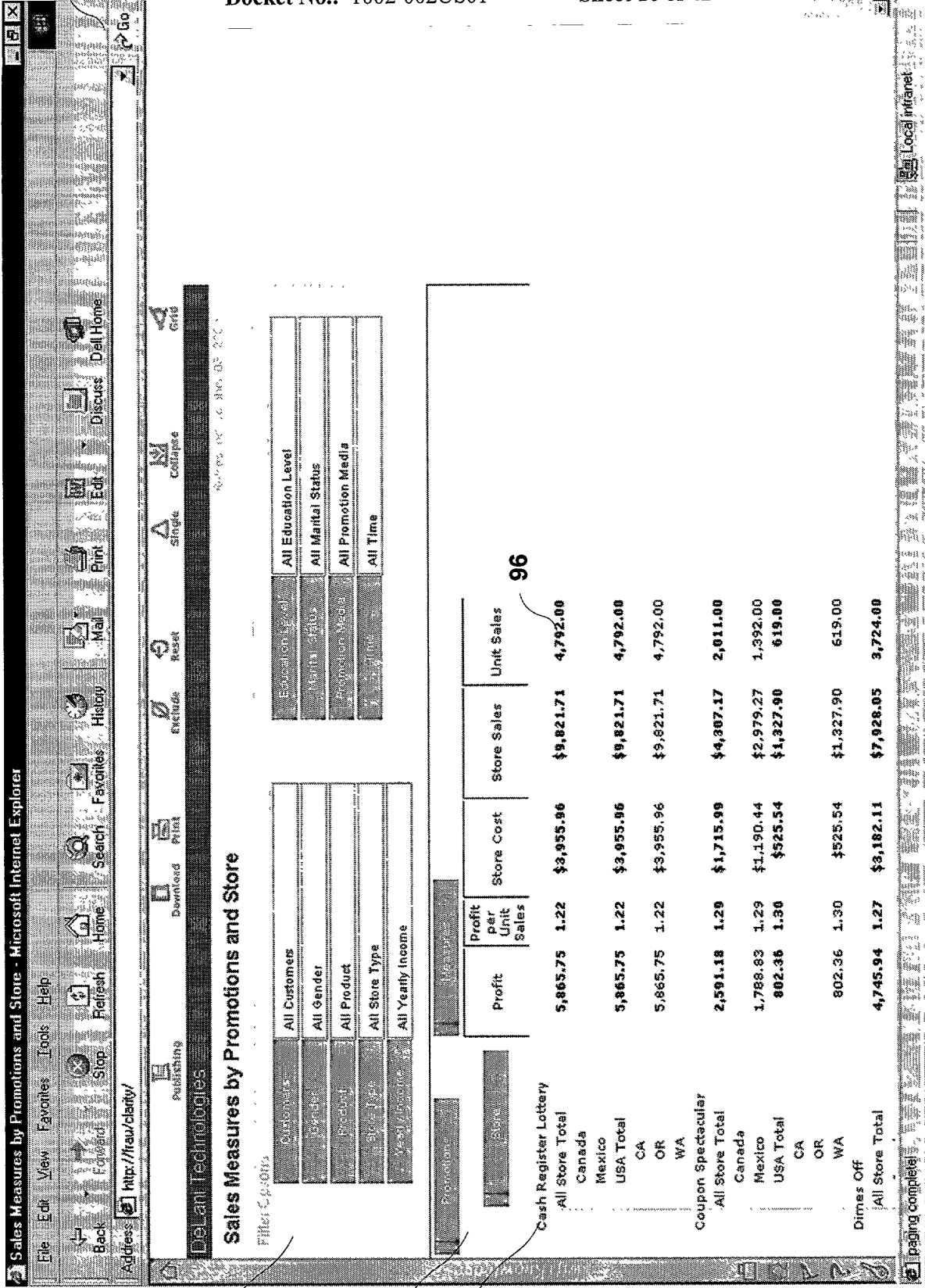
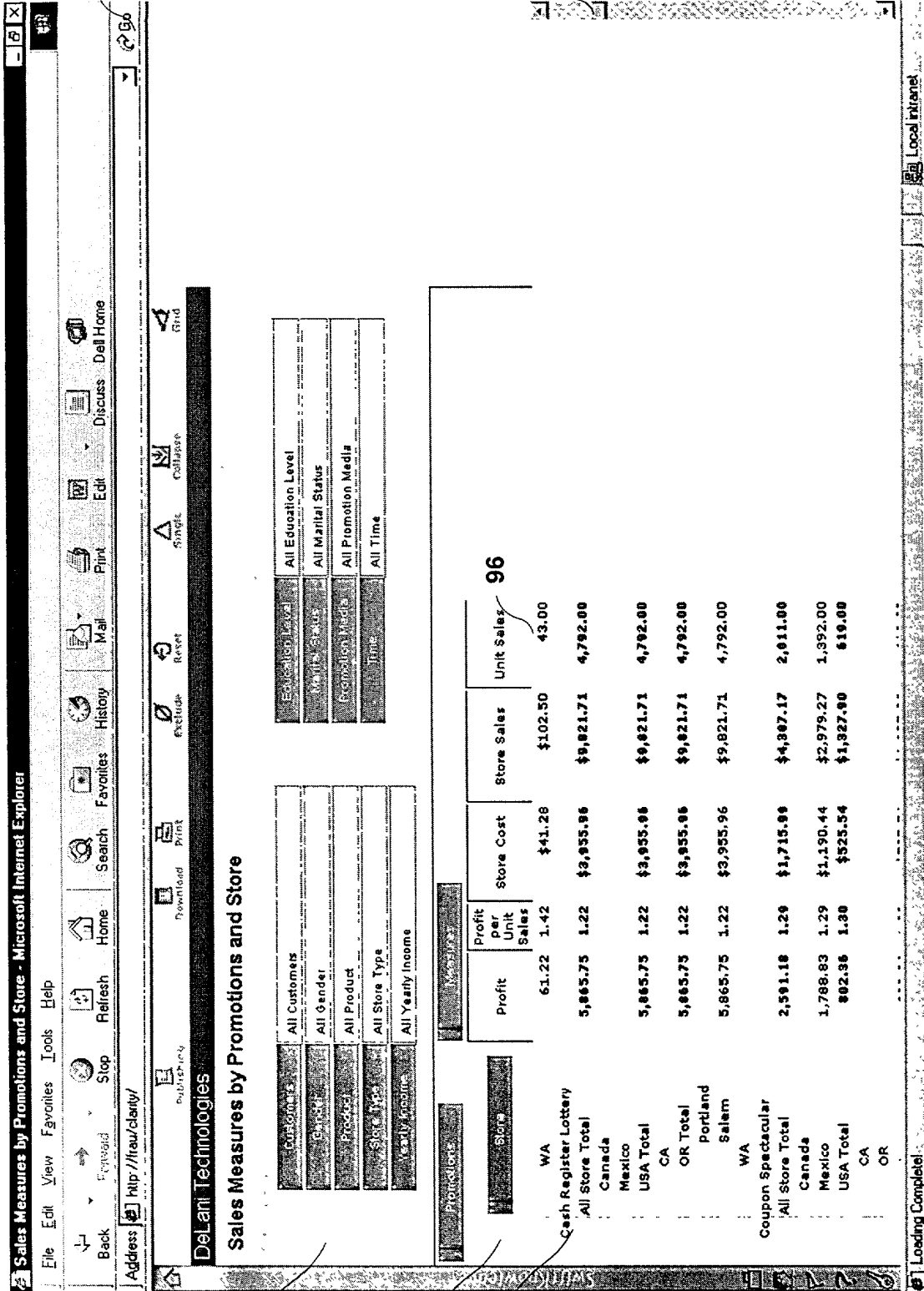
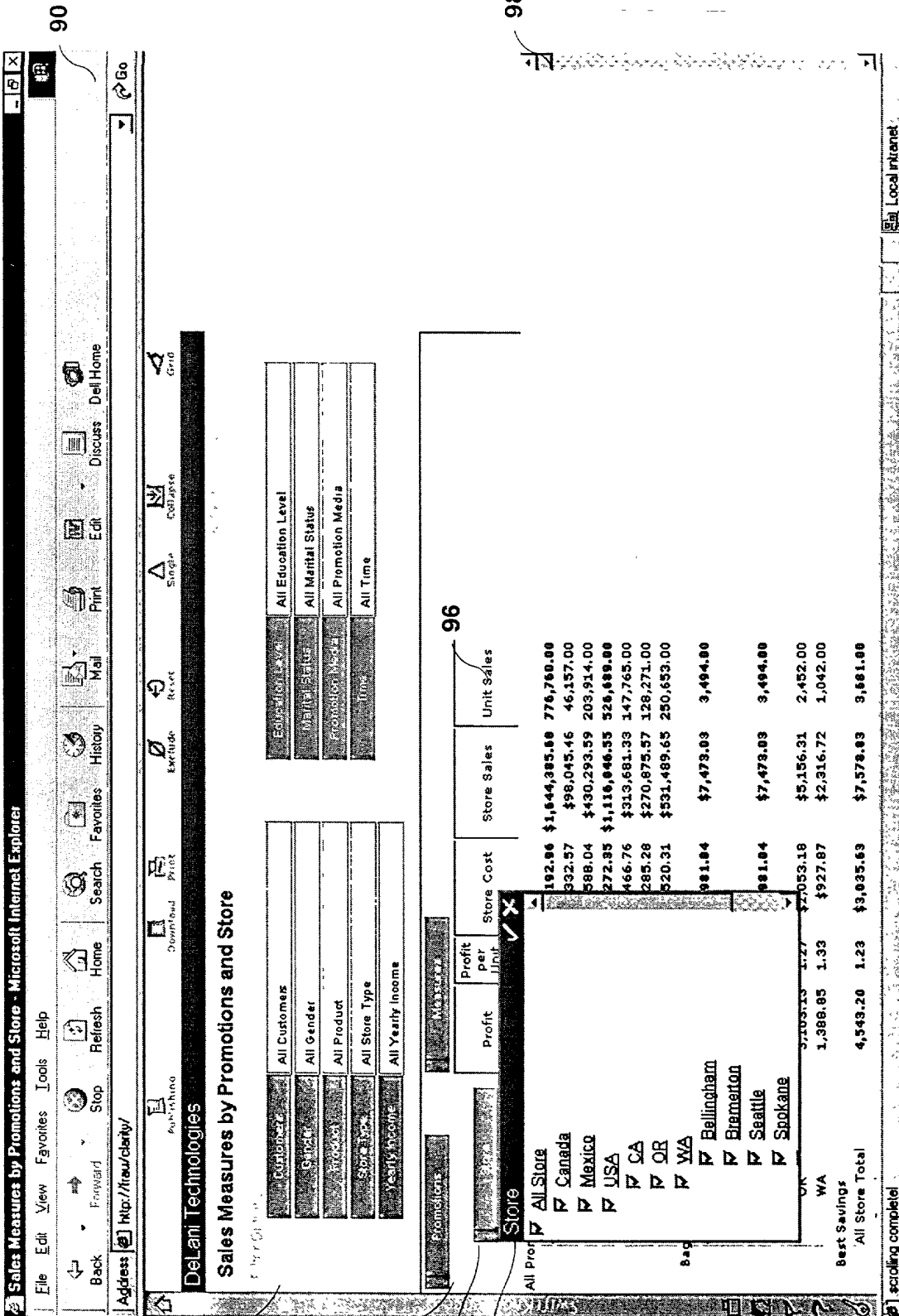
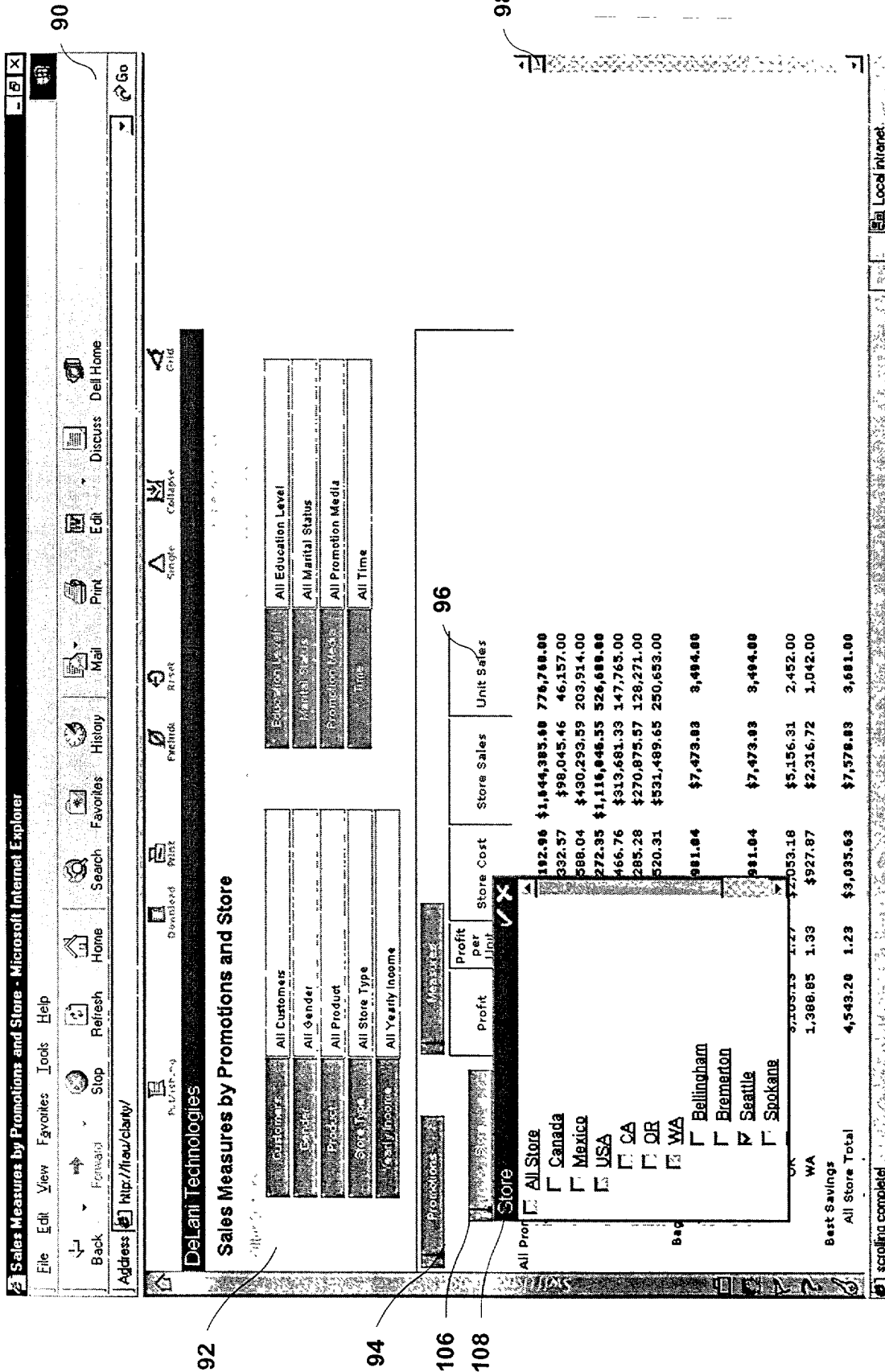


FIG. 16







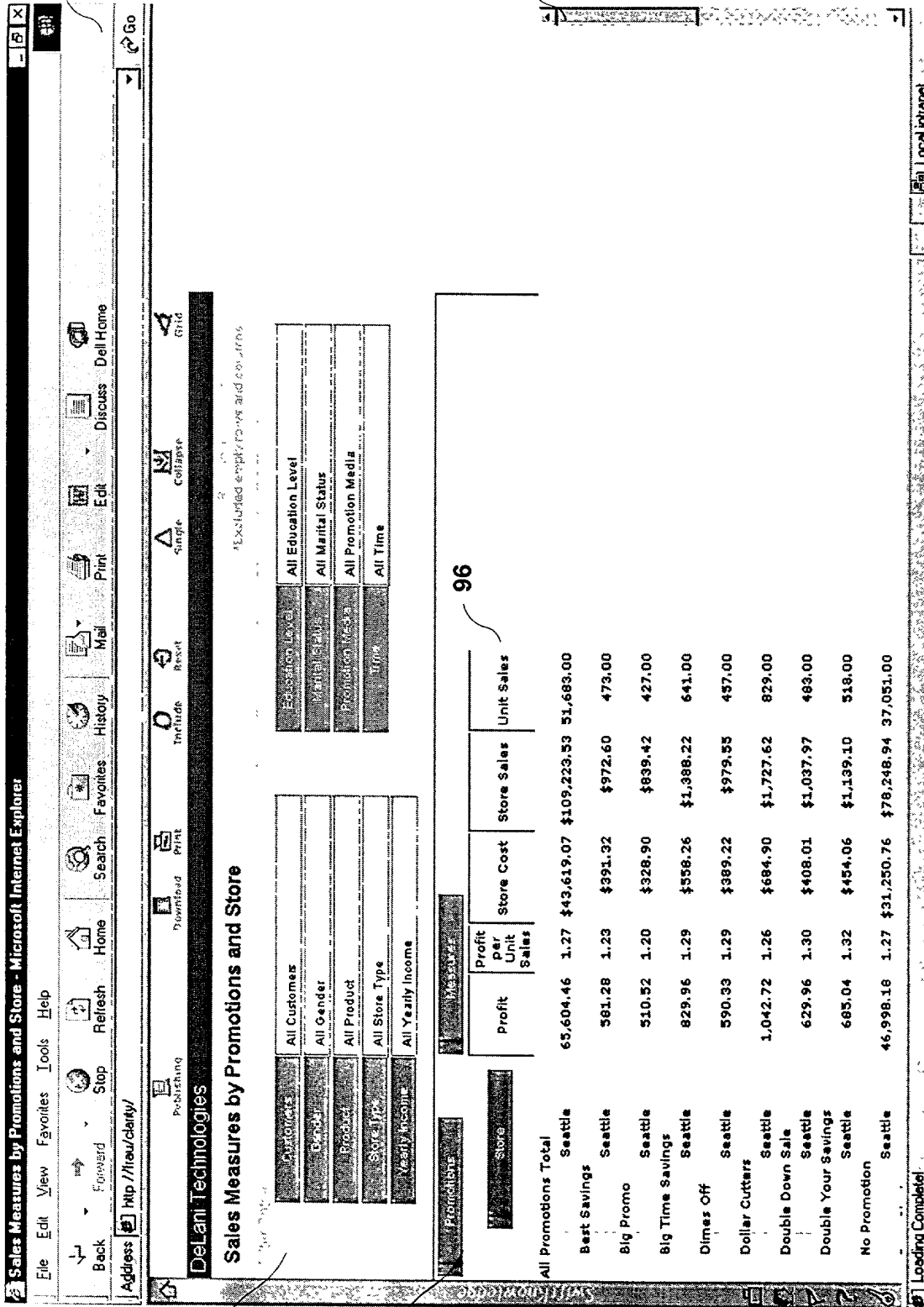
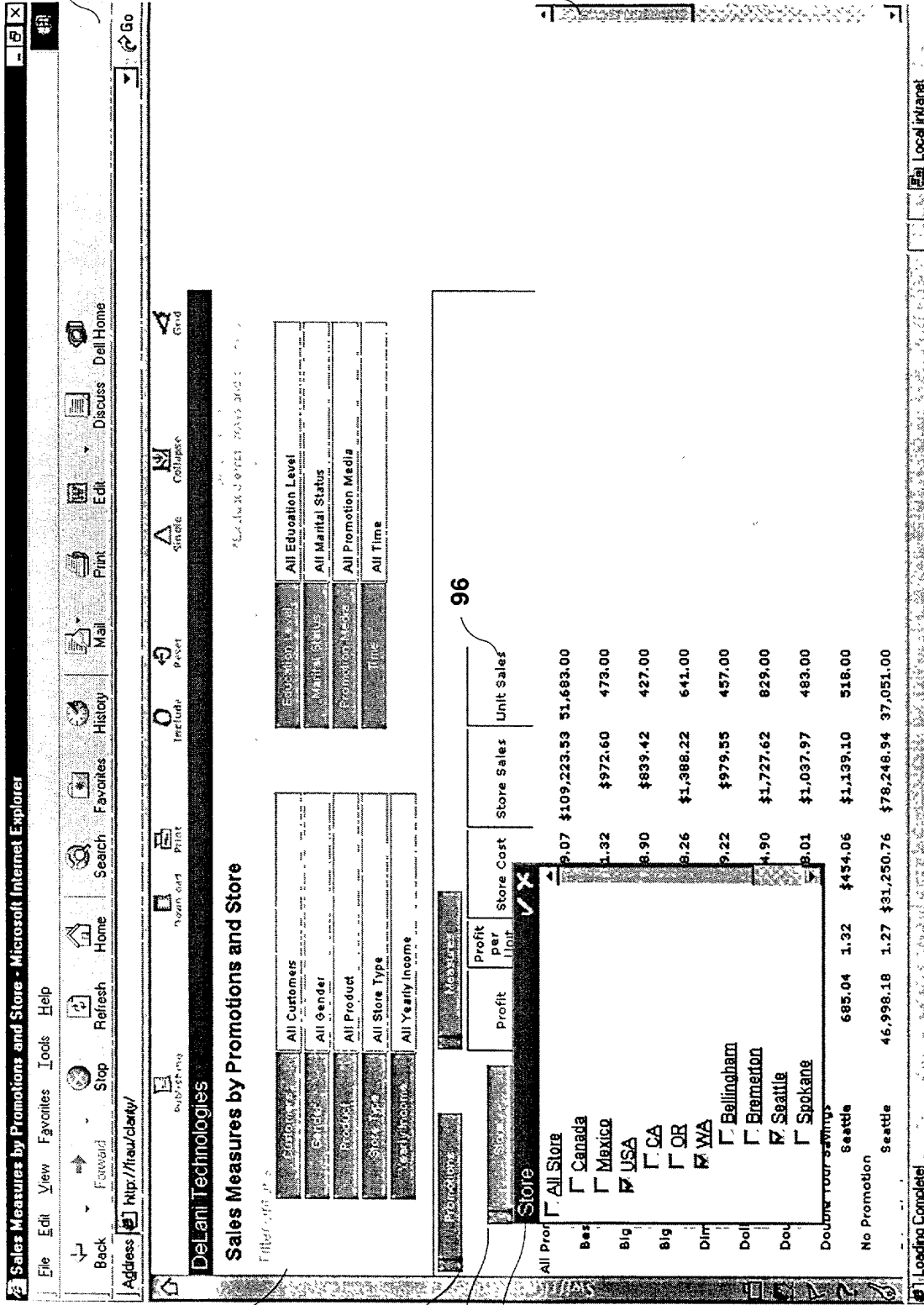


FIG. 20



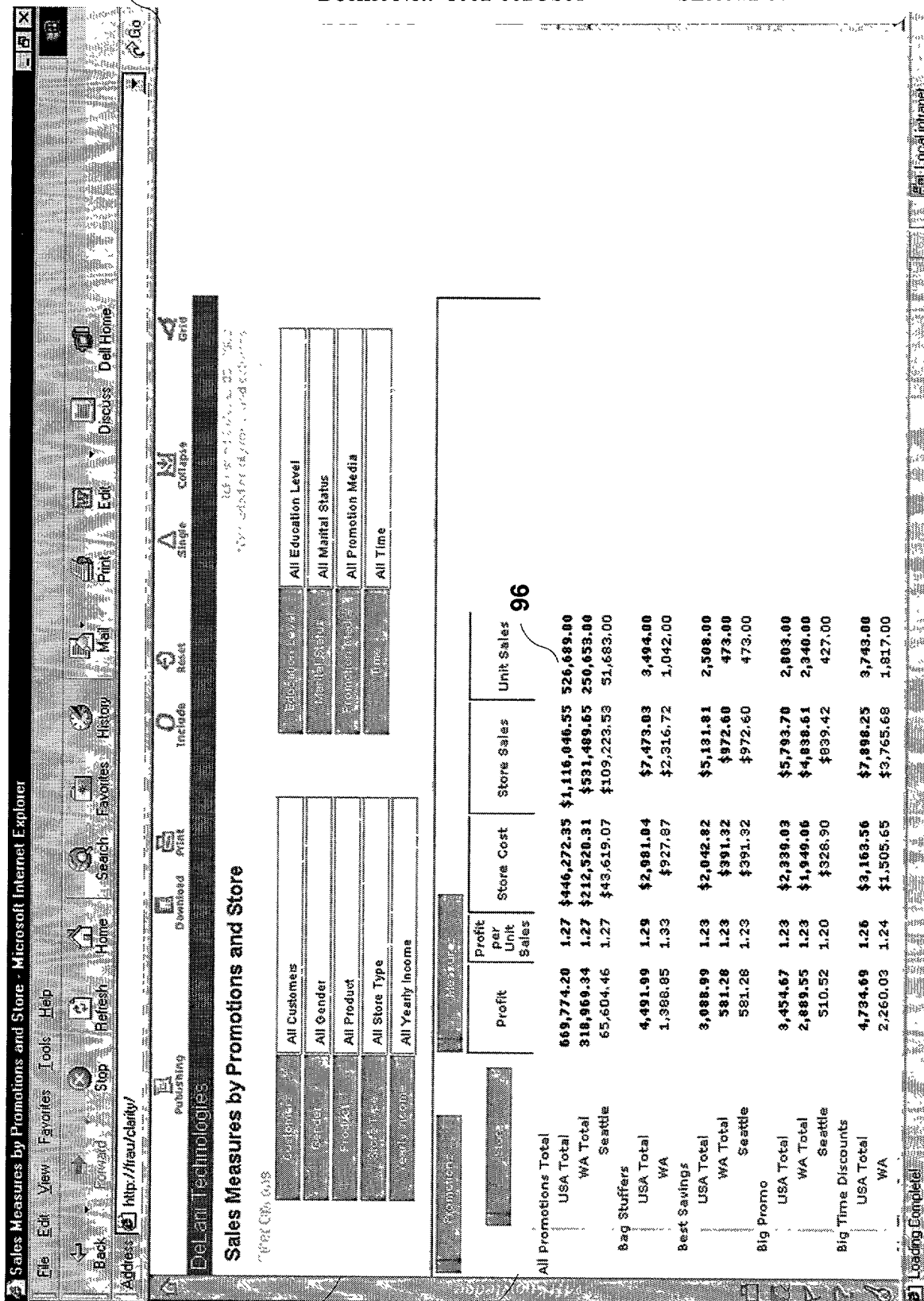
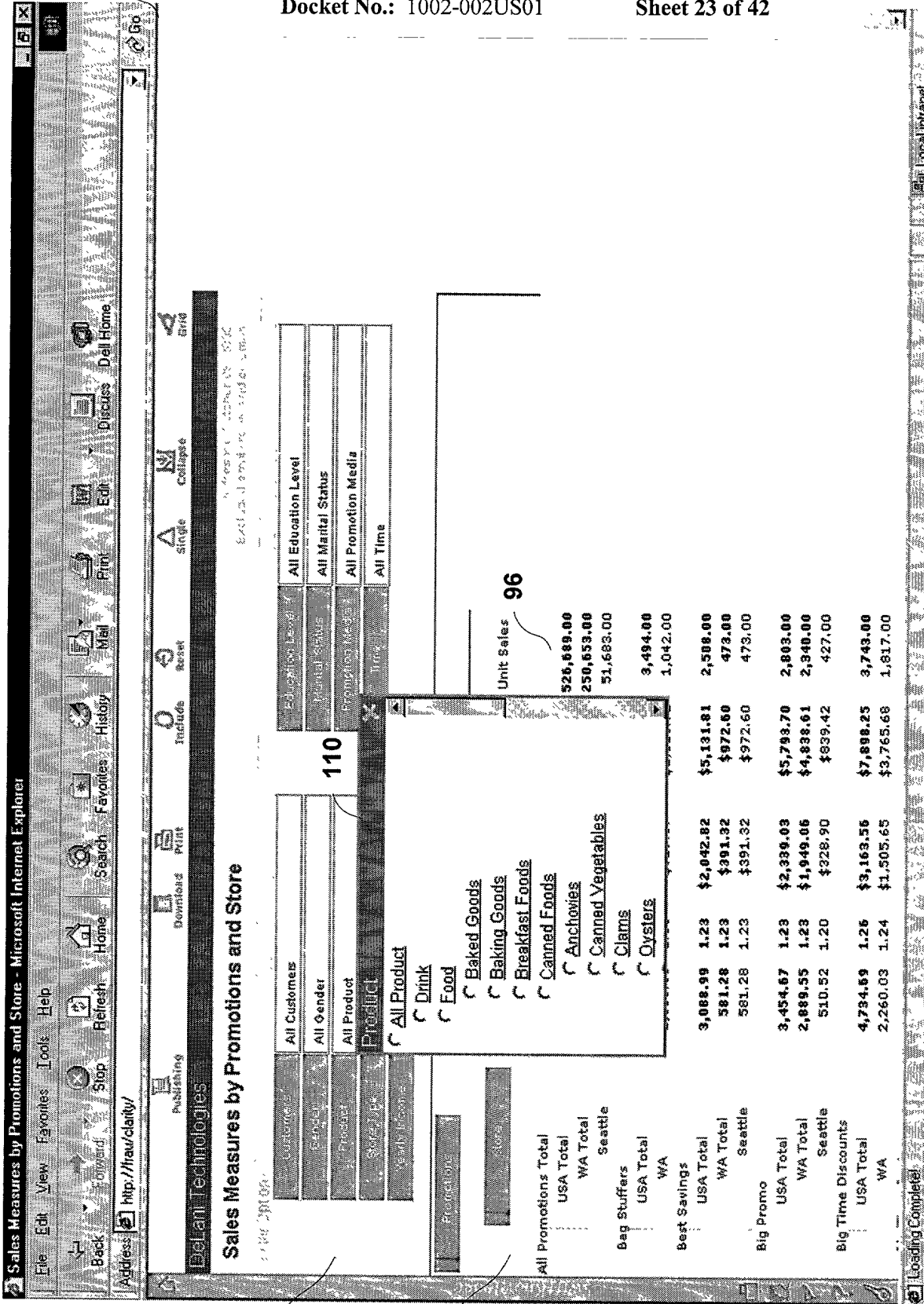
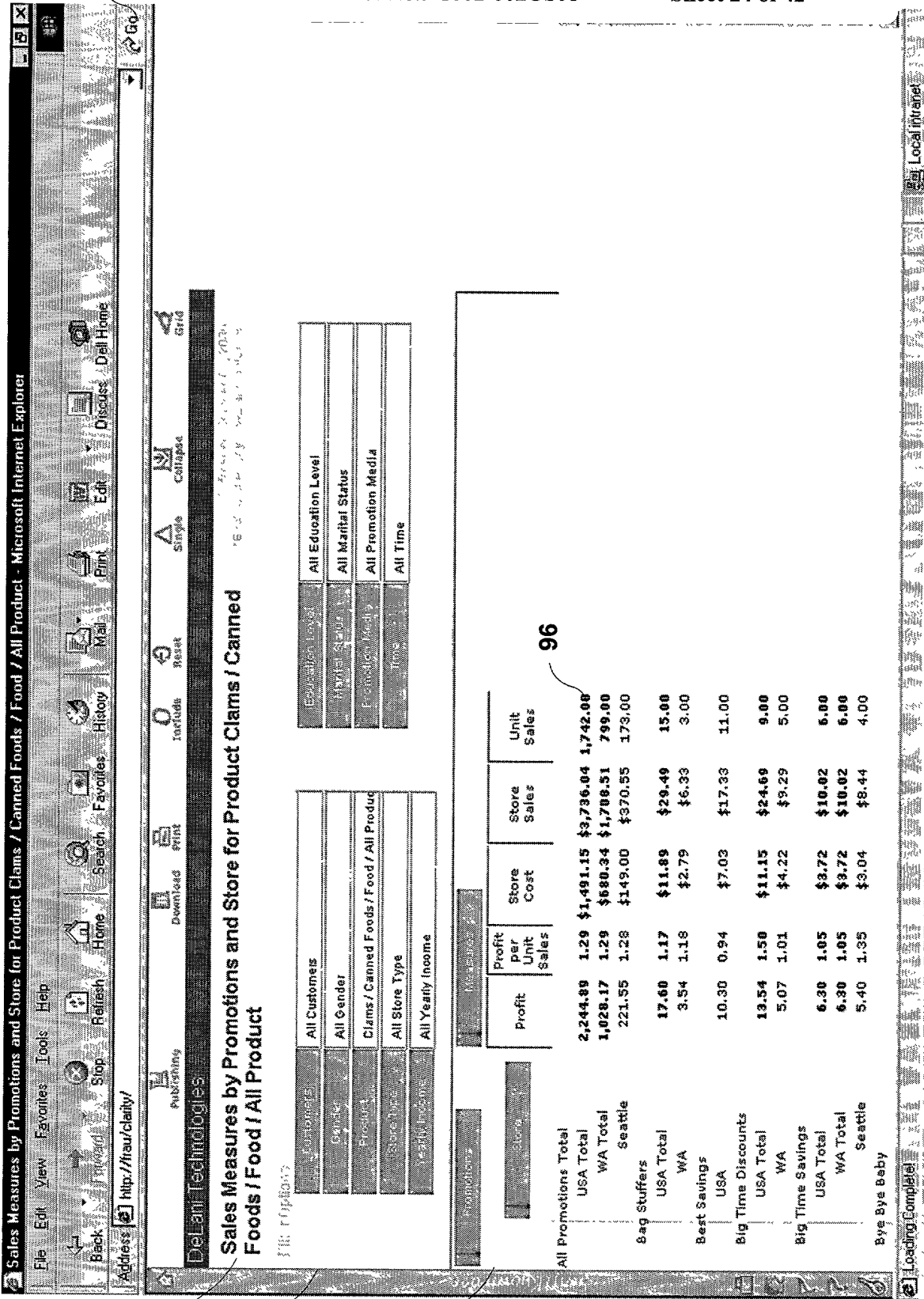


FIG. 22





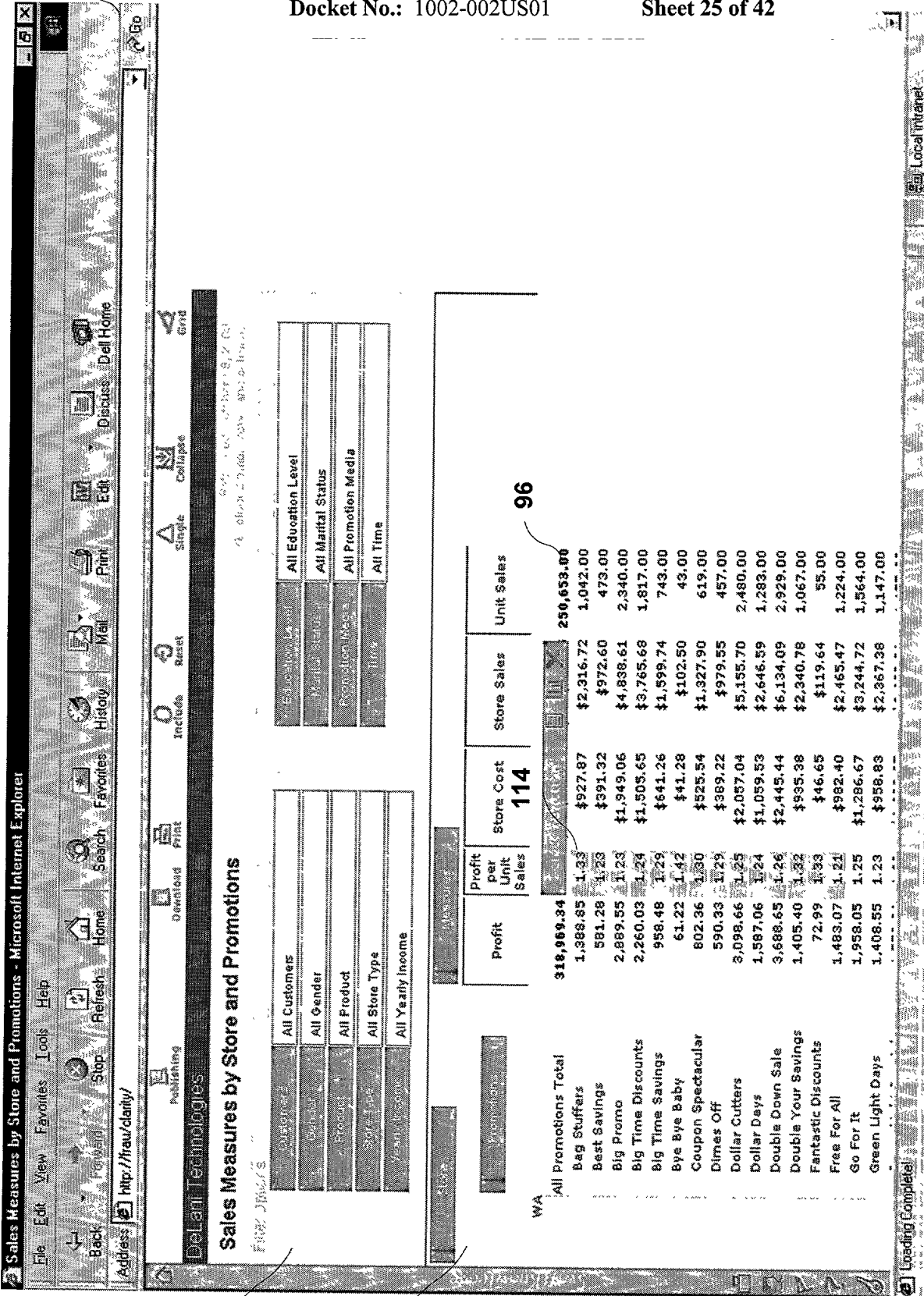


FIG. 25

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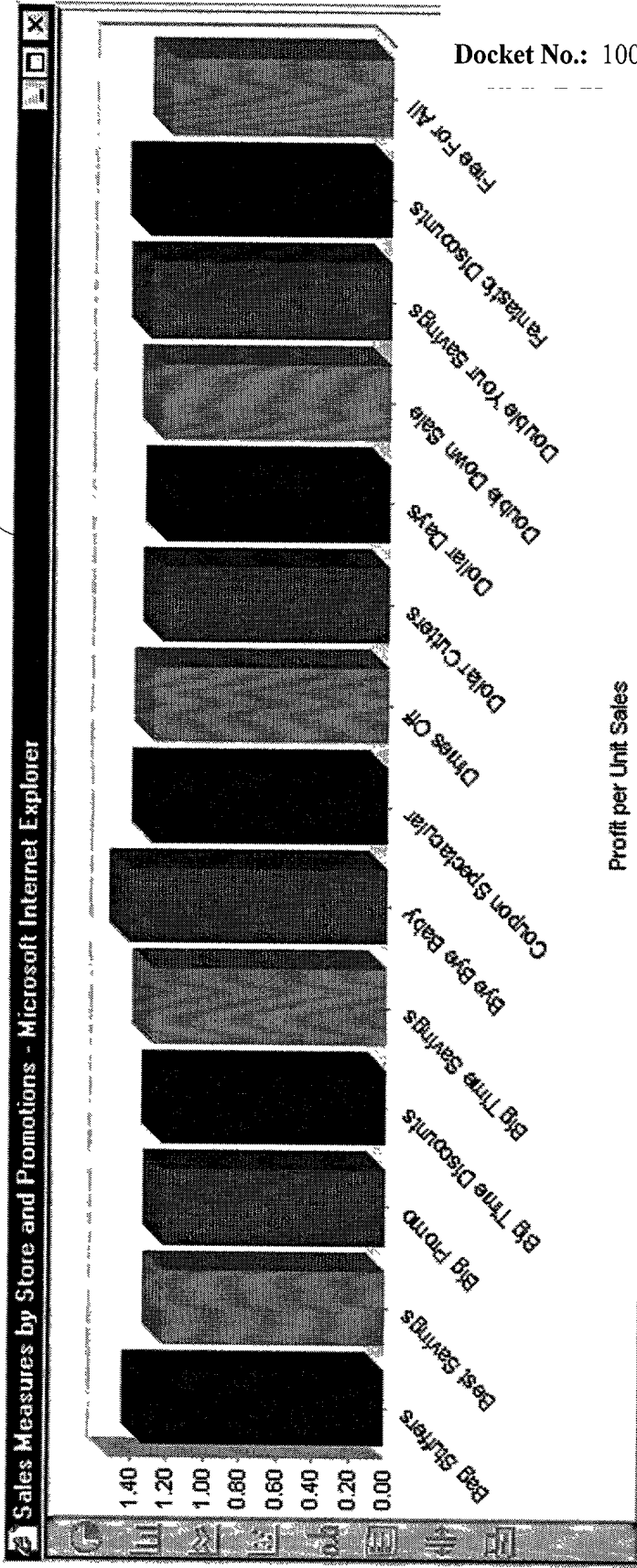


FIG. 26

	store_id	store_type	region_id	store_name	store_number	store_street_address	store_city	store_state	store_postal_code	store
1	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
2	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
3	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
4	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
5	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
6	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
7	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
8	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
9	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
10	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
11	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	
12	2	Small Grocery	78	Store 2	2	5203 Catanzaro Way	Bellingham	WA	55555	

FIG. 27

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FIG. 28

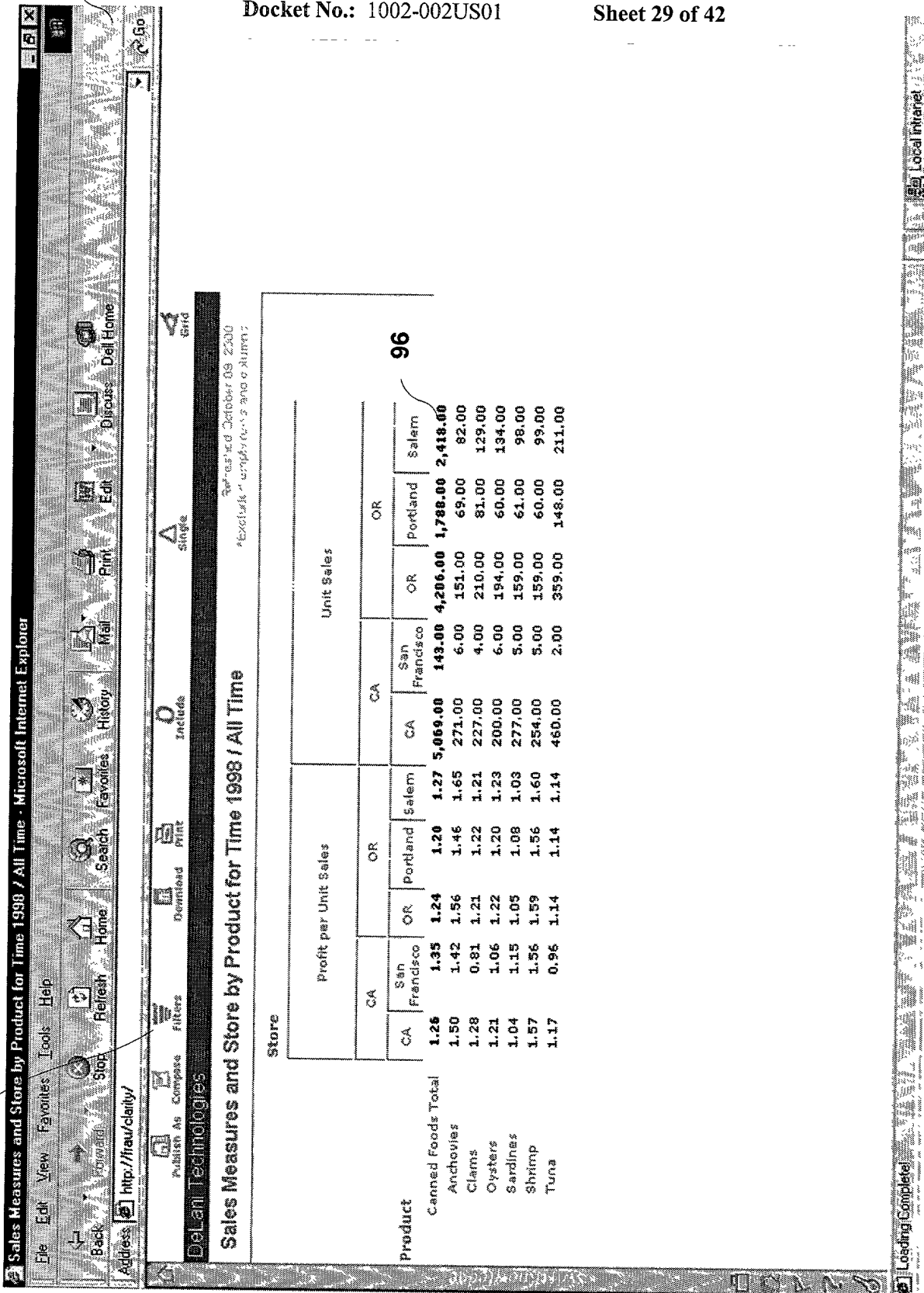


FIG. 29

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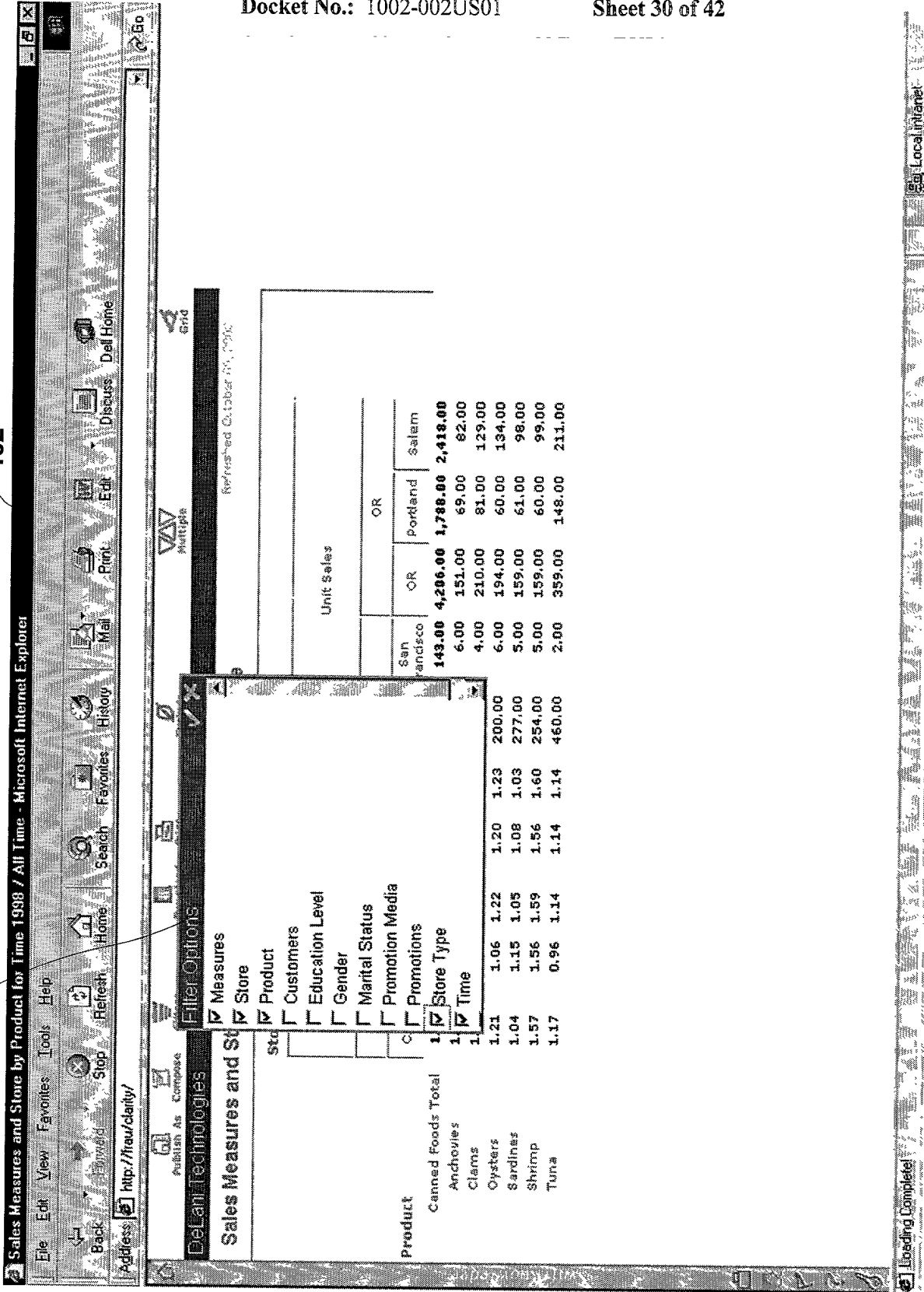
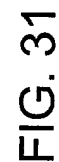


FIG. 30



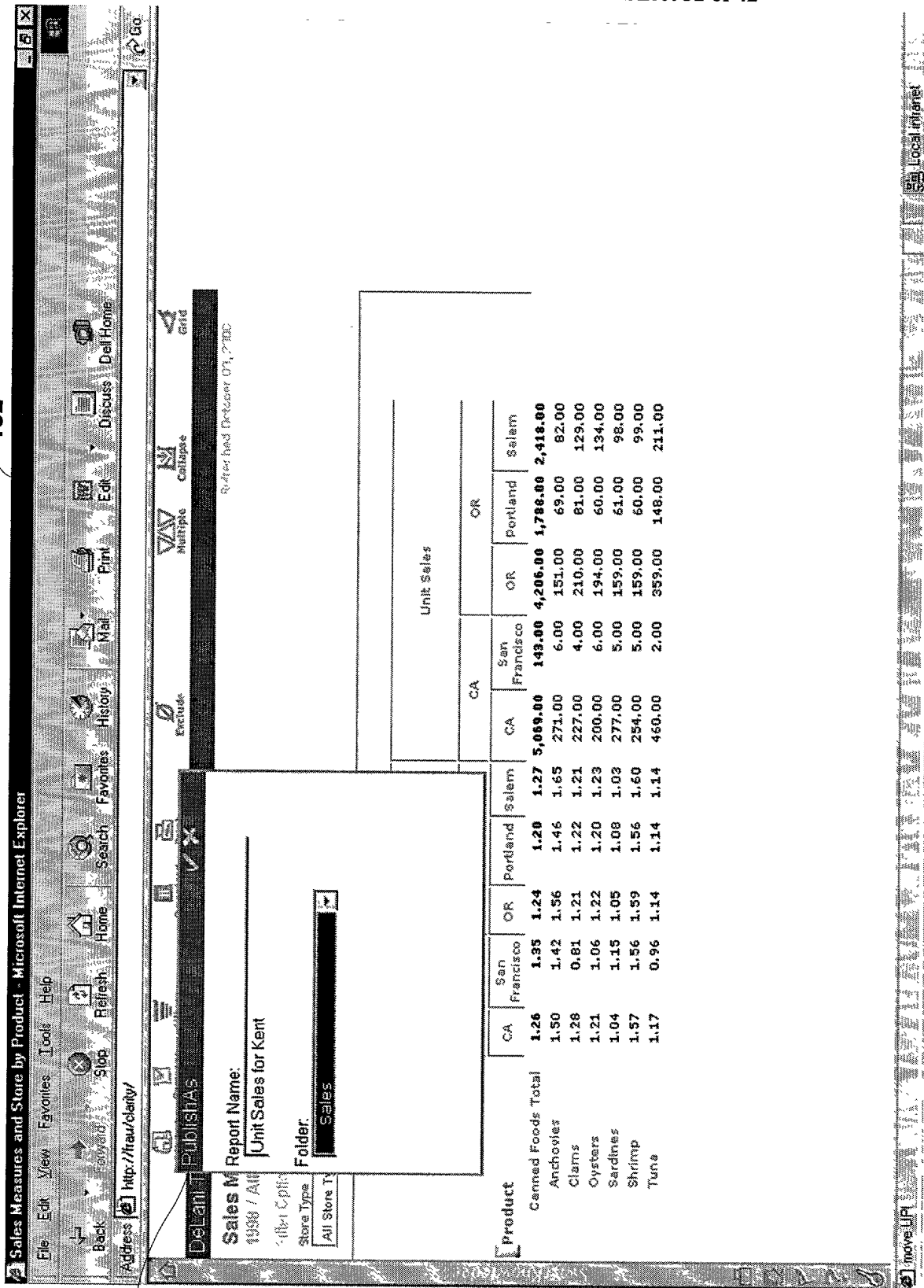


FIG. 32

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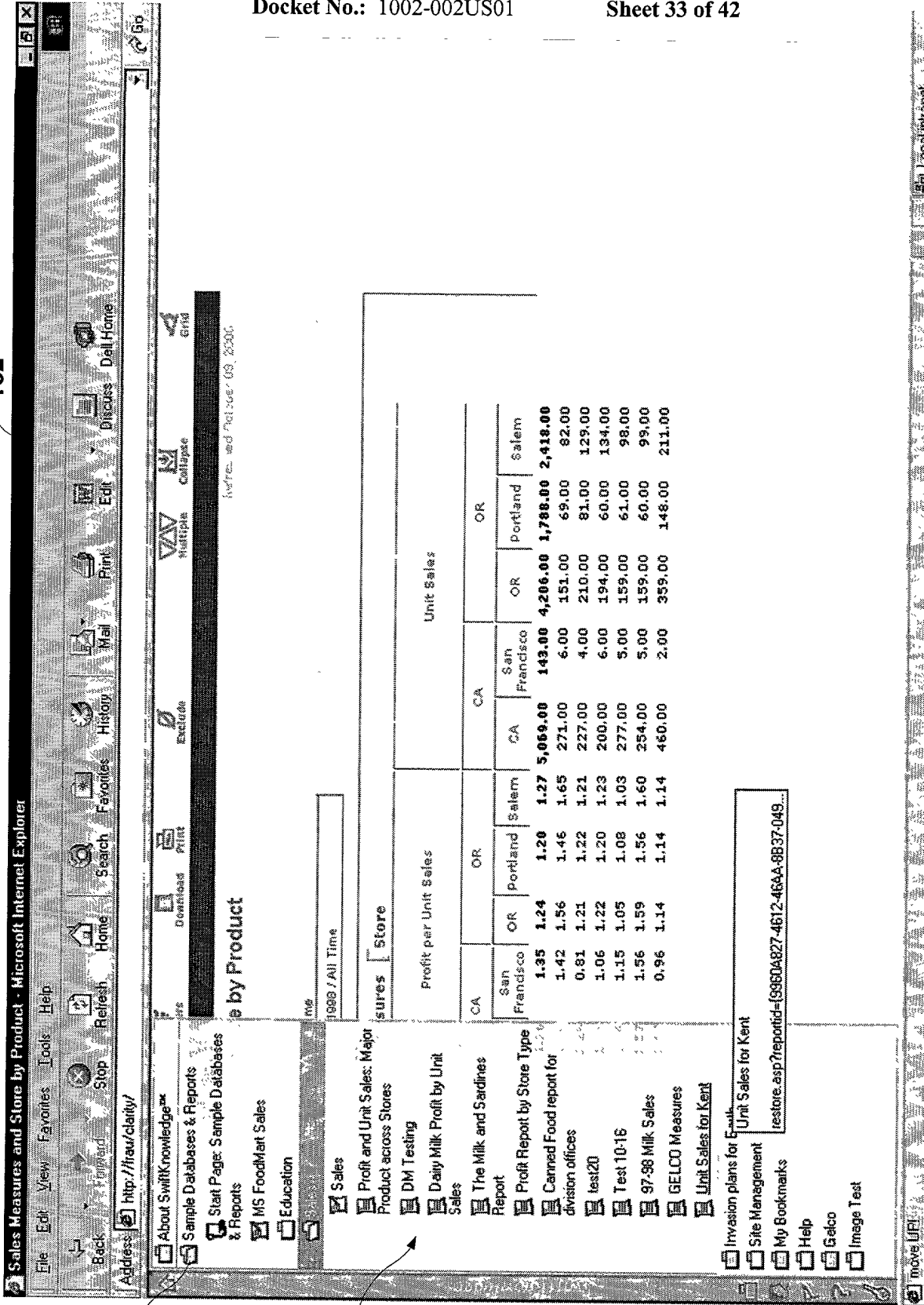


FIG. 33

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SwiftKnowledge: Edit Cube - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh

Address <http://Mau/clarity/>

Edit Cube Registration

150 Cube Label: Sales

152 Connection String
Cube Name: Sales
Server Name: Mustafa
Database Name: SwiftK_SampleCub

☒ Cube Enabled

154 Description: Demonstration

156 Transaction Access:

Cube Access:

None: System Group

Full: Administrators

Partial: Oregon Supply Chain

Transaction Access:

None: System Group

Full: Administrators

Partial: Oregon Supply Chain

Save Cancel

Customers
Education Level
Gender
Marital Status
Measures
Product
Promotion Media
Promotions
Store
Store Type
Time
Yearly Income

Done Local Internet

FIG. 34

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SwiftKnowledge: Edit Cube - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Discuss Dell Home

Address http://new.clarity/

Edit Cube Registration

Cube Label: Sales

Connection String

Cube Name: Sales

Server Name: Mustafa

Database Name: SwiftK_SampleCub

☒ Cube Enabled

Description: Demonstration

Cube Access: None

System Group

Full: Administrators

Partial: Oregon Supply Chain

Transaction Access: None

System Group

Full: Administrators

Partial: Oregon Supply Chain

Save Cancel

Customers	
Education Level	
Gender	
Marital Status	
Measures	
Profit	
Profit per Unit Sale	
Store Cost	
Store Sales	
Unit Sales	
Product	
Promotion Media	
Promotions	

Local Internet

FIG. 35

SwiftKnowledge: Edit Cube - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Discuss Dell Home

Address <http://trau/clarity/>

Done Local intranet

Description: Demonstration

Cube Access:

None: System Group

Full: Administrators

Partial: Oregon Supply Chain

Transaction Access:

None: System Group

Full: Administrators

Partial: Oregon Supply Chain

Save Cancel

Customers
Education Level
Gender
Marital Status
Measures
Product
All Products
Alcoholic Drink
Food
Baked Goods
Baking Goods
Breakfast Foods
Canned Foods
Anchovies
Canned Vegetables
Clams
Oysters
Sardines
Shrimp
Soup
Tuna
Canned Products
Dairy
Deli

FIG. 36

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SwiftKnowledge: Edit Cube - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home Go

Address: http://haw/clarity/

Edit Cube Registration

Cube Label: Sales

Connection String

Cube Name: Sales

Server Name: Mustafa

Database Name: SwiftK_SampleCub

Description: Demonstration

☒ Cube Enabled

Cube Access:

None: System Group

Full: Administrators

Partial: Oregon Supply Chain

Transaction Access:

None: System Group

Full: Administrators

Partial: Oregon Supply Chain

Save Cancel

customer sales_fact product product_class promotion store time_by_day warehouse

162

Done Local Intranet

FIG. 37

SwiftKnowledge: Edit Cube - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home

Address: <http://trau/clarity/>

System Group

Administrators

Transaction Access:

None: System Group

Full: Administrators

Partial: Oregon Supply Chain

Save Cancel

customer sales_fact product product_class promotion store store_id store_type region_id store_name store_number store_street_addr store_city store_state store_postal_code store_country store_manager store_phone store_fax first_opened_date last_remodel_date store_sqft

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Done Local intranet

FIG. 38

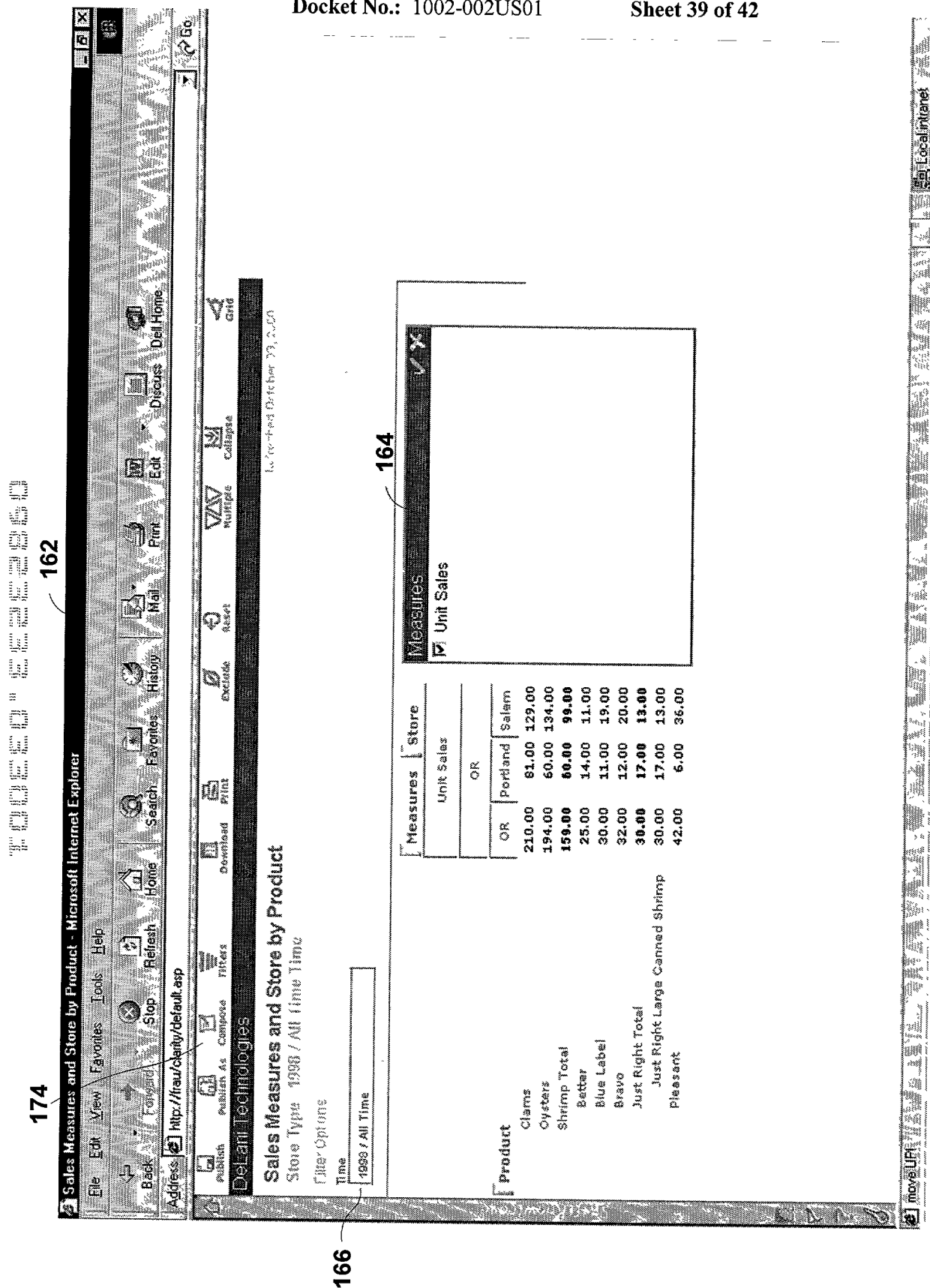


FIG. 39

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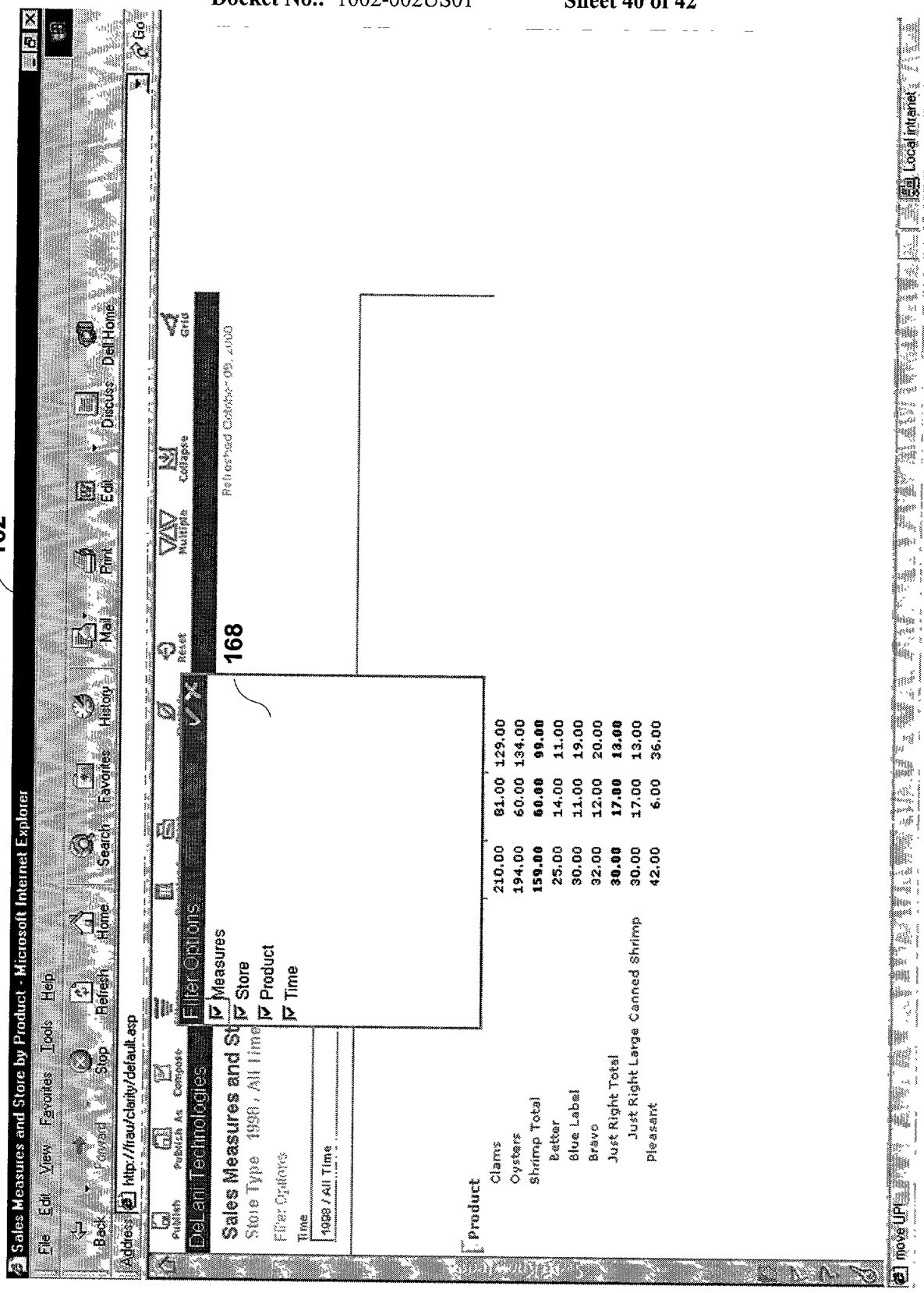


FIG. 40

	brand_name	product_name	SKU	gross_weight	net_weight	store_street	store_address	store_city	store_state
1	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
2	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
3	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
4	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
5	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
6	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
7	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
8	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
9	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
10	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
11	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF
12	Blue Label Blue	Label Large Canned Shrimp	87027297616	8.86	6.85	5179	Valley Ave	Salem	OF

FIG. 41

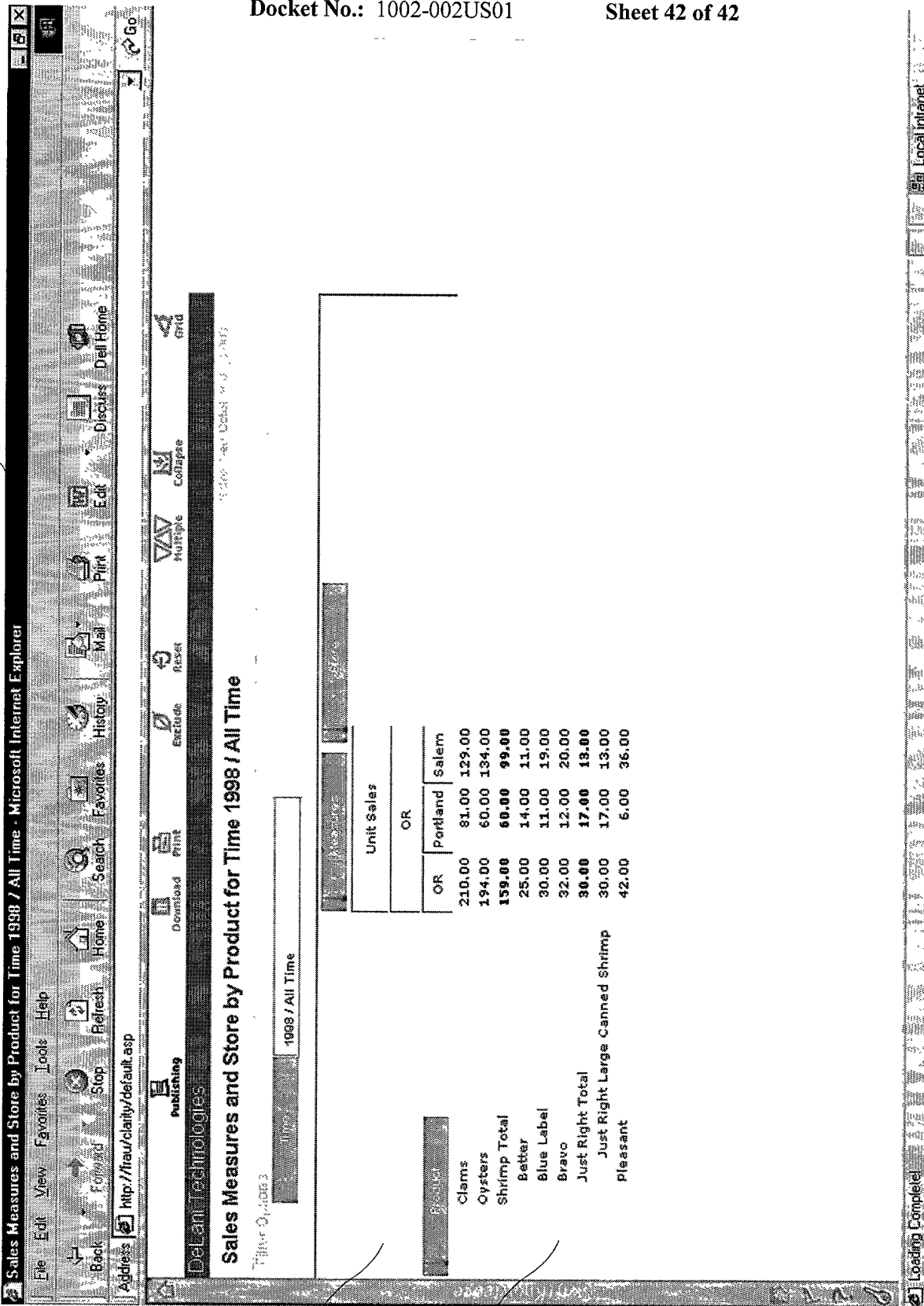


FIG. 42